

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING (NOTES omitted)

### TRANSPORTING

## B64 AIRCRAFT; AVIATION; COSMONAUTICS

## B64U UNMANNED AERIAL VEHICLES [UAV]; EQUIPMENT THEREFOR

### NOTES

1. This subclass covers:
  - vehicles which are specially adapted for unmanned aeronautical use and the equipment therefor.
2. This subclass does not cover:
  - computer control systems for the control of position, course, altitude or attitude, which are covered by group [G05D 1/00](#);
  - traffic control of UAVs, which is covered by group [G08G 5/00](#).
3. Aircraft or equipment applicable to both manned and unmanned use should be classified in this subclass and in the subclasses of class [B64](#) which are appropriate for the manned use.
4. Details or features of UAVs and their equipment which are not covered by this subclass should be classified in the relevant subclasses of class [B64](#).
5. In this subclass it is desirable to add the indexing codes of group [B64U 2101/00](#), covering particular uses or applications of the UAVs.

### 10/00 Type of UAV

#### WARNING

Group [B64U 10/00](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#) and [B64C 39/029](#).

Group [B64U 10/00](#) is also impacted by reclassification into groups [B64U 10/10](#) - [B64U 10/17](#), [B64U 10/20](#), [B64U 10/25](#), [B64U 10/30](#), [B64U 10/40](#), [B64U 10/50](#), [B64U 10/60](#), [B64U 10/70](#), [B64U 10/80](#), [B64U 20/00](#) - [B64U 20/98](#), [B64U 30/00](#) - [B64U 30/40](#), [B64U 40/00](#) - [B64U 40/20](#), [B64U 50/00](#) - [B64U 50/39](#), [B64U 60/00](#) - [B64U 60/70](#), [B64U 70/00](#) - [B64U 70/99](#) and [B64U 80/00](#) - [B64U 80/86](#).

All groups listed in this Warning should be considered in order to perform a complete search.

### 10/10 . Rotorcrafts

#### WARNING

Group [B64U 10/10](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

Group [B64U 10/10](#) is also impacted by reclassification into groups [B64U 10/11](#), [B64U 10/13](#) - [B64U 10/16](#) and [B64U 10/17](#).

All groups listed in this Warning should be considered in order to perform a complete search.

### 10/11 . . Autogyros

#### WARNING

Group [B64U 10/11](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 10/10](#).

All groups listed in this Warning should be considered in order to perform a complete search.

## 10/13 . . Flying platforms

**WARNING**

Group [B64U 10/13](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 10/10](#).

Group [B64U 10/13](#) is also impacted by reclassification into groups [B64U 10/14](#) and [B64U 10/16](#).

All groups listed in this Warning should be considered in order to perform a complete search.

## 10/14 . . . with four distinct rotor axes, e.g. quadcopters

**WARNING**

Group [B64U 10/14](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 10/10](#) and [B64U 10/13](#).

All groups listed in this Warning should be considered in order to perform a complete search.

## 10/16 . . . with five or more distinct rotor axes, e.g. octocopters

**WARNING**

Group [B64U 10/16](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 10/10](#) and [B64U 10/13](#).

All groups listed in this Warning should be considered in order to perform a complete search.

10/17 . . Helicopters ([flying platforms B64U 10/13](#))**WARNING**

Group [B64U 10/17](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 10/10](#).

All groups listed in this Warning should be considered in order to perform a complete search.

10/20 . Vertical take-off and landing [VTOL] aircraft ([flying platforms B64U 10/13](#); [helicopters B64U 10/17](#))**WARNING**

Group [B64U 10/20](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

10/25 . Fixed-wing aircraft ([VTOL aircraft B64U 10/20](#))**WARNING**

Group [B64U 10/25](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

Group [B64U 10/25](#) is also impacted by reclassification into group [B64U 30/10](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 10/30 . Lighter-than-air aircraft, e.g. aerostatic aircraft

**WARNING**

Group [B64U 10/30](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 10/40 . Ornithopters

**WARNING**

Group [B64U 10/40](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 33/00](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 10/50 . Glider-type UAVs, e.g. with parachute, parasail or kite (for landing [B64U 70/83](#))

**WARNING**

Group [B64U 10/50](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 10/60 . Tethered aircraft

**WARNING**

Group [B64U 10/60](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/022](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 10/70 . Convertible aircraft, e.g. convertible into land vehicles

**WARNING**

Group [B64U 10/70](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 10/80 . UAVs characterised by their small size, e.g. micro air vehicles [MAV]

**WARNING**

Group [B64U 10/80](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/028](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

## 20/00 Constructional aspects of UAVs (of lift-producing means [B64U 30/00](#))

### **WARNING**

Groups [B64U 20/00](#), [B64U 20/10](#), [B64U 20/20](#), [B64U 20/30](#), [B64U 20/40](#), [B64U 20/60](#), [B64U 20/65](#), [B64U 20/70](#), [B64U 20/73](#), [B64U 20/75](#), [B64U 20/77](#), [B64U 20/80](#), [B64U 20/83](#), [B64U 20/90](#), [B64U 20/92](#), [B64U 20/94](#), [B64U 20/96](#) and [B64U 20/98](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 20/10 . for stealth, e.g. reduction of cross-section detectable by radars
- 20/20 . for noise reduction
- 20/30 . for safety, e.g. with frangible components ([rotor guards B64U 30/299](#))
- 20/40 . Modular UAVs
- 20/50 . Foldable or collapsible UAVs ([with frangible components B64U 20/30](#))

### **WARNING**

Group [B64U 20/50](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 1/26](#), [B64C 1/30](#), [B64C 3/56](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 20/60 . UAVs characterised by the material
- 20/65 . . Composite materials
- 20/70 . Constructional aspects of the UAV body
- 20/73 . . Monocoque body
- 20/75 . . the body formed by joined shells or by a shell overlaying a chassis
- 20/77 . . the body being formed integrally with wings or rotor supports
- 20/80 . Arrangement of on-board electronics, e.g. avionics systems or wiring
- 20/83 . . Electronic components structurally integrated with aircraft elements, e.g. circuit boards carrying loads

20/87

- . . Mounting of imaging devices, e.g. mounting of gimbals

### **WARNING**

Group [B64U 20/87](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64D 47/08](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

20/90

- . Cooling

20/92

- . . of avionics

20/94

- . . of rotors or rotor motors

20/96

- . . using air

20/98

- . . using liquid, e.g. using lubrication oil

30/00

## **Means for producing lift; Empennages; Arrangements thereof**

### **WARNING**

Group [B64U 30/00](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

Group [B64U 30/00](#) is also impacted by reclassification into groups [B64U 30/10](#) - [B64U 30/16](#), [B64U 30/20](#) - [B64U 30/299](#), [B64U 30/30](#) and [B64U 30/40](#).

All groups listed in this Warning should be considered in order to perform a complete search.

30/10

- . Wings

### **WARNING**

Group [B64U 30/10](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 10/25](#) and [B64U 30/00](#).

Group [B64U 30/10](#) is also impacted by reclassification into groups [B64U 30/12](#) - [B64U 30/16](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/12 . . Variable or detachable wings, e.g. wings with adjustable sweep

**WARNING**

Group [B64U 30/12](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 1/26](#), [B64C 1/30](#), [B64C 3/56](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#) and [B64U 30/10](#).

Group [B64U 30/12](#) is also impacted by reclassification into groups [B64U 30/14](#) and [B64U 30/16](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/14 . . . detachable

**WARNING**

Group [B64U 30/14](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 1/26](#), [B64C 1/30](#), [B64C 3/56](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#), [B64U 30/10](#) and [B64U 30/12](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/16 . . . movable along the UAV body

**WARNING**

Group [B64U 30/16](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 1/26](#), [B64C 1/30](#), [B64C 3/56](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#), [B64U 30/10](#) and [B64U 30/12](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/20 . Rotors; Rotor supports

**WARNING**

Group [B64U 30/20](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 30/00](#).

Group [B64U 30/20](#) is also impacted by reclassification into groups [B64U 30/21](#), [B64U 30/24](#), [B64U 30/26](#), [B64U 30/27](#) and [B64U 30/29](#) - [B64U 30/299](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/21 . . Rotary wings

**WARNING**

Group [B64U 30/21](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#) and [B64U 30/20](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/24 . . Coaxial rotors

**WARNING**

Group [B64U 30/24](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#) and [B64U 30/20](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/26 . . Ducted or shrouded rotors

#### **WARNING**

Group [B64U 30/26](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#) and [B64U 30/20](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/27 . . Rim-driven rotors

#### **WARNING**

Group [B64U 30/27](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#) and [B64U 30/20](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/29 . . Constructional aspects of rotors or rotor supports; Arrangements thereof

#### **WARNING**

Groups [B64U 30/29](#) - [B64U 30/299](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 30/00](#) and [B64U 30/20](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/291 . . . Detachable rotors or rotor supports  
 30/292 . . . Rotors or rotor supports specially adapted for quick release  
 30/293 . . . Foldable or collapsible rotors or rotor supports  
 30/294 . . . Rotors arranged in the UAV body  
 30/295 . . . Rotors arranged in the wings  
 30/296 . . . Rotors with variable spatial positions relative to the UAV body ([foldable or collapsible rotors B64U 30/293](#))  
 30/297 . . . Tilting rotors  
 30/298 . . . Helicopter flybars

- 30/299 . . . Rotor guards ([ducted or shrouded rotors B64U 30/26](#); [guards used as ground propulsion B64U 60/60](#))

- 30/30 . Lift-producing means using radial airflow

#### **WARNING**

Group [B64U 30/30](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 30/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 30/40 . Empennages, e.g. V-tails ([foldable or collapsible UAVs B64U 20/50](#))

#### **WARNING**

Group [B64U 30/40](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 30/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 40/00 **On-board mechanical arrangements for adjusting control surfaces or rotors; On-board mechanical arrangements for in-flight adjustment of the base configuration** (control of position, course, altitude or attitude of air or space vehicles, e.g. automatic pilot, [G05D 1/00](#))

#### **WARNING**

Groups [B64U 40/00](#) - [B64U 40/20](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 40/10 . for adjusting control surfaces or rotors  
 40/20 . for in-flight adjustment of the base configuration



**50/00 Propulsion; Power supply****WARNING**

Group [B64U 50/00](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

Group [B64U 50/00](#) is also impacted by reclassification into groups [B64U 50/10](#) - [B64U 50/19](#), [B64U 50/20](#) - [B64U 50/27](#) and [B64U 50/30](#) - [B64U 50/39](#).

All groups listed in this Warning should be considered in order to perform a complete search.

50/10 . . . Propulsion (rotors specially adapted for rotorcraft or VTOL [B64U 30/20](#))

**WARNING**

Groups [B64U 50/10](#), [B64U 50/11](#), [B64U 50/12](#), [B64U 50/15](#), [B64U 50/16](#) and [B64U 50/18](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 50/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/11 . . . using internal combustion piston engines  
 50/12 . . . using turbine engines, e.g. turbojets or turbofans  
 50/13 . . . using external fans or propellers

**WARNING**

Group [B64U 50/13](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 50/00](#).

Group [B64U 50/13](#) is also impacted by reclassification into group [B64U 50/14](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/14 . . . ducted or shrouded

**WARNING**

Group [B64U 50/14](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#) and [B64U 50/13](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/15 . . . using combustion exhausts other than turbojets or turbofans, e.g. using rockets, ramjets, scramjets or pulse-reactors

- 50/16 . . . using means other than air displacement or combustion exhaust, e.g. water or magnetic levitation

- 50/18 . . . Thrust vectoring

- 50/19 . . . using electrically powered motors

**WARNING**

Group [B64U 50/19](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 50/00](#).

Group [B64U 50/19](#) is also impacted by reclassification into groups [B64U 50/30](#) - [B64U 50/39](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/20 . . . Transmission of mechanical power to rotors or propellers

**WARNING**

Groups [B64U 50/20](#) - [B64U 50/27](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 50/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/23 . . . with each propulsion means having an individual motor

- 50/27 . . with a single motor serving two or more rotors or propellers
- 50/30 . Supply or distribution of electrical power

**WARNING**

Groups [B64U 50/30](#), [B64U 50/31](#), [B64U 50/32](#) and [B64U 50/33](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#) and [B64U 50/19](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/31 . . generated by photovoltaics
- 50/32 . . generated by fuel cells
- 50/33 . . generated by combustion engines
- 50/34 . . In-flight charging ([photovoltaics B64U 50/31](#))

**WARNING**

Group [B64U 50/34](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#) and [B64U 50/19](#).

Group [B64U 50/34](#) is also impacted by reclassification into groups [B64U 50/35](#), [B64U 50/36](#), [B64U 50/37](#) - [B64U 50/38](#) and [B64U 50/39](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/35 . . . by wireless transmission, e.g. by induction

**WARNING**

Group [B64U 50/35](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#), [B64U 50/19](#) and [B64U 50/34](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/36 . . . by wind turbines, e.g. ram air turbines [RAT]

**WARNING**

Group [B64U 50/36](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#), [B64U 50/19](#) and [B64U 50/34](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/37 . . Charging when not in flight

**WARNING**

Groups [B64U 50/37](#) and [B64U 50/38](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#), [B64U 50/19](#) and [B64U 50/34](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 50/38 . . . by wireless transmission
- 50/39 . . Battery swapping

**WARNING**

Group [B64U 50/39](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 50/00](#), [B64U 50/19](#) and [B64U 50/34](#).

All groups listed in this Warning should be considered in order to perform a complete search.



**60/00 Undercarriages****WARNING**

Groups [B64U 60/00](#) - [B64U 60/70](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 60/10 . specially adapted for use on water
- 60/20 . specially adapted for uneven terrain
- 60/30 . detachable from the body
- 60/40 . foldable or retractable
- 60/50 . with landing legs
- 60/55 . . the legs being also used as ground propulsion
- 60/60 . with rolling cages
- 60/70 . Movable wings, rotor supports or shrouds acting as ground-engaging elements

**70/00 Launching, take-off or landing arrangements****WARNING**

Group [B64U 70/00](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

Group [B64U 70/00](#) is also impacted by reclassification into groups [B64U 70/10](#), [B64U 70/20](#), [B64U 70/30](#), [B64U 70/40](#), [B64U 70/50](#), [B64U 70/60](#), [B64U 70/70](#), [B64U 70/80](#)-[B64U 70/87](#) and [B64U 70/90](#) - [B64U 70/99](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/10 . for releasing or capturing UAVs by hand

**WARNING**

Group [B64U 70/10](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

70/20

- . for releasing or capturing UAVs in flight by another aircraft

**WARNING**

Group [B64U 70/20](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

70/30

- . for capturing UAVs in flight by ground or sea-based arresting gear, e.g. by a cable or a net

**WARNING**

Group [B64U 70/30](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

70/40

- . Landing characterised by flight manoeuvres, e.g. deep stall

**WARNING**

Group [B64U 70/40](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/50 . Launching from storage containers, e.g. from submarine missile tubes

**WARNING**

Group [B64U 70/50](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/60 . Take-off or landing of UAVs from a runway using their own power

**WARNING**

Group [B64U 70/60](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/70 . Launching or landing using catapults, tracks or rails ([launching from storage containers B64U 70/50](#))

**WARNING**

Group [B64U 70/70](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/80 . Vertical take-off or landing, e.g. using rockets ([rotorcrafts B64U 10/10](#); [VTOL aircraft B64U 10/20](#))

**WARNING**

Group [B64U 70/80](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

Group [B64U 70/80](#) is also impacted by reclassification into group [B64U 70/83](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/83 . . using parachutes, balloons or the like

**WARNING**

Group [B64U 70/83](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#), [B64U 70/00](#) and [B64U 70/80](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/87 . . using inflatable cushions

**WARNING**

Group [B64U 70/87](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/90 . Launching from or landing on platforms

**WARNING**

Groups [B64U 70/90](#) - [B64U 70/99](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 70/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 70/92 . . Portable platforms  
 70/93 . . . for use on a land or nautical vehicle  
 70/95 . . Means for guiding the landing UAV towards the platform, e.g. lighting means  
 70/97 . . Means for guiding the UAV to a specific location on the platform, e.g. platform structures preventing landing off-centre  
 70/99 . . Means for retaining the UAV on the platform, e.g. dogs or magnets

**80/00 Transport or storage specially adapted for UAVs**

**WARNING**

Group [B64U 80/00](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#) and [B64U 10/00](#).

Group [B64U 80/00](#) is also impacted by reclassification into groups [B64U 80/10](#), [B64U 80/20](#)-[B64U 80/25](#), [B64U 80/30](#), [B64U 80/40](#), [B64U 80/50](#), [B64U 80/60](#), [B64U 80/70](#) and [B64U 80/80](#)-[B64U 80/86](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/10 . with means for moving the UAV to a supply or launch location, e.g. robotic arms or carousels

**WARNING**

Group [B64U 80/10](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/20 . with arrangements for servicing the UAV

**WARNING**

Groups [B64U 80/20](#) and [B64U 80/25](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/25 . . for recharging batteries; for refuelling  
 80/30 . with arrangements for data transmission

**WARNING**

Group [B64U 80/30](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/40 . for two or more UAVs

**WARNING**

Group [B64U 80/40](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/50 . the UAVs being disassembled

**WARNING**

Group [B64U 80/50](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/60 . by wearable objects, e.g. garments or helmets

**WARNING**

Group [B64U 80/60](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/70 . in containers ([B64U 80/60](#) takes precedence)

**WARNING**

Group [B64U 80/70](#) is incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/80 . by vehicles

**WARNING**

Groups [B64U 80/80](#) - [B64U 80/86](#) are incomplete pending reclassification of documents from groups [B64C 1/00](#), [B64C 1/0009](#), [B64C 1/06](#), [B64C 1/061](#), [B64C 1/062](#), [B64C 1/063](#), [B64C 1/064](#), [B64C 1/065](#), [B64C 1/068](#), [B64C 1/069](#), [B64C 27/08](#), [B64C 27/10](#), [B64C 27/20](#), [B64C 39/00](#), [B64C 39/001](#), [B64C 39/003](#), [B64C 39/005](#), [B64C 39/006](#), [B64C 39/008](#), [B64C 39/02](#), [B64C 39/024](#), [B64C 39/029](#), [B64U 10/00](#) and [B64U 80/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 80/82 . . Airborne vehicles  
80/84 . . Waterborne vehicles  
80/86 . . Land vehicles

**Indexing scheme associated with groups [B64U 10/00](#) - [B64U 80/00](#)**

- 2101/00** UAVs specially adapted for particular uses or applications

**WARNING**

Group [B64U 2101/00](#) is impacted by reclassification into groups [B64U 2101/05](#), [B64U 2101/10](#), [B64U 2101/15](#) - [B64U 2101/19](#), [B64U 2101/20](#) - [B64U 2101/24](#), [B64U 2101/25](#) - [B64U 2101/29](#), [B64U 2101/30](#) - [B64U 2101/32](#), [B64U 2101/35](#), [B64U 2101/40](#), [B64U 2101/45](#) - [B64U 2101/47](#), [B64U 2101/55](#) - [B64U 2101/58](#), [B64U 2101/60](#) - [B64U 2101/69](#), [B64U 2101/70](#) and [B64U 2101/75](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/05** . for sports or gaming, e.g. drone racing

**WARNING**

Group [B64U 2101/05](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#) and [B64U 2101/05](#) should be considered in order to perform a complete search.

- 2101/10** . for generating power to be supplied to a remote station, e.g. UAVs with solar panels

**WARNING**

Group [B64U 2101/10](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#) and [B64U 2101/10](#) should be considered in order to perform a complete search.

- 2101/15 . . for conventional or electronic warfare

**WARNING**

Group [B64U 2101/15](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Group [B64U 2101/15](#) is also impacted by reclassification into groups [B64U 2101/16](#), [B64U 2101/17](#), [B64U 2101/18](#) and [B64U 2101/19](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/16 . . for controlling, capturing or immobilising other vehicles

**WARNING**

Group [B64U 2101/16](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/15](#).

Groups [B64U 2101/00](#), [B64U 2101/15](#) and [B64U 2101/16](#) should be considered in order to perform a complete search.

- 2101/17 . . for detecting, disrupting or countering communications

**WARNING**

Group [B64U 2101/17](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/15](#).

Groups [B64U 2101/00](#), [B64U 2101/15](#) and [B64U 2101/17](#) should be considered in order to perform a complete search.

- 2101/18 . . for dropping bombs; for firing ammunition

**WARNING**

Group [B64U 2101/18](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/15](#).

Groups [B64U 2101/00](#), [B64U 2101/15](#) and [B64U 2101/18](#) should be considered in order to perform a complete search.

- 2101/19 . . for use as targets or decoys

**WARNING**

Group [B64U 2101/19](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/15](#).

Groups [B64U 2101/00](#), [B64U 2101/15](#) and [B64U 2101/19](#) should be considered in order to perform a complete search.

- 2101/20 . . for use as communications relays, e.g. high-altitude platforms

**WARNING**

Group [B64U 2101/20](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Group [B64U 2101/20](#) is also impacted by reclassification into groups [B64U 2101/21](#), [B64U 2101/23](#) and [B64U 2101/24](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/21 . . for providing Internet access

**WARNING**

Group [B64U 2101/21](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/20](#).

Groups [B64U 2101/00](#), [B64U 2101/20](#) and [B64U 2101/21](#) should be considered in order to perform a complete search.

- 2101/23 . . for providing telephone services

**WARNING**

Group [B64U 2101/23](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/20](#).

Groups [B64U 2101/00](#), [B64U 2101/20](#) and [B64U 2101/23](#) should be considered in order to perform a complete search.

- 2101/24 . . for use as flying displays, e.g. advertising or billboards

**WARNING**

Group [B64U 2101/24](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/20](#).

Groups [B64U 2101/00](#), [B64U 2101/20](#) and [B64U 2101/24](#) should be considered in order to perform a complete search.

- 2101/25 . . for manufacturing or servicing

**WARNING**

Groups [B64U 2101/25](#) - [B64U 2101/29](#) are incomplete pending reclassification of documents from group [B64U 2101/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/26 . . for manufacturing, inspections or repairs

- 2101/28 . . for painting or marking

- 2101/29 . . for cleaning

- 2101/30 . . for imaging, photography or videography

**WARNING**

Group [B64U 2101/30](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Group [B64U 2101/30](#) is also impacted by reclassification into groups [B64U 2101/31](#) and [B64U 2101/32](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/31 . . for surveillance

**WARNING**

Group [B64U 2101/31](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/30](#).

Groups [B64U 2101/00](#), [B64U 2101/30](#) and [B64U 2101/31](#) should be considered in order to perform a complete search.

- 2101/32 . . for cartography or topography

**WARNING**

Group [B64U 2101/32](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/30](#).

Groups [B64U 2101/00](#), [B64U 2101/30](#) and [B64U 2101/32](#) should be considered in order to perform a complete search.

- 2101/35 . . for science, e.g. meteorology

**WARNING**

Group [B64U 2101/35](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#) and [B64U 2101/35](#) should be considered in order to perform a complete search.

- 2101/40 . . for agriculture or forestry operations

**WARNING**

Group [B64U 2101/40](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#) and [B64U 2101/40](#) should be considered in order to perform a complete search.

- 2101/45 . . for releasing liquids or powders in-flight, e.g. crop-dusting

**WARNING**

Groups [B64U 2101/45](#) and [B64U 2101/47](#) are incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#), [B64U 2101/45](#) and [B64U 2101/47](#) should be considered in order to perform a complete search.

- 2101/47 . . for fire fighting

- 2101/55 . . for life-saving or rescue operations; for medical use

**WARNING**

Groups [B64U 2101/55](#) - [B64U 2101/58](#) are incomplete pending reclassification of documents from group [B64U 2101/00](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/56 . . for locating missing persons or animals

- 2101/57 . . for bringing emergency supplies to persons or animals in danger, e.g. ropes or life vests

- 2101/58 . . for medical evacuation, i.e. the transportation of persons or animals to a place where they can receive medical care

- 2101/60 . . for transporting passengers; for transporting goods other than weapons

**WARNING**

Group [B64U 2101/60](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Group [B64U 2101/60](#) is also impacted by reclassification into groups [B64U 2101/61](#), [B64U 2101/64](#)-[B64U 2101/66](#), [B64U 2101/67](#) and [B64U 2101/69](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/61 . . for transporting passengers

**WARNING**

Group [B64U 2101/61](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/60](#).

Groups [B64U 2101/00](#), [B64U 2101/60](#) and [B64U 2101/61](#) should be considered in order to perform a complete search.

- 2101/64 . . for parcel delivery or retrieval

**WARNING**

Groups [B64U 2101/64](#) and [B64U 2101/66](#) are incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/60](#).

All groups listed in this Warning should be considered in order to perform a complete search.

- 2101/66 . . . for retrieving parcels

- 2101/67 . . the UAVs comprising tethers for lowering the goods

**WARNING**

Group [B64U 2101/67](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/60](#).

Groups [B64U 2101/00](#), [B64U 2101/60](#) and [B64U 2101/67](#) should be considered in order to perform a complete search.



- 2101/69 . . the UAVs provided with means for airdropping goods, e.g. deploying a parachute during descent

**WARNING**

Group [B64U 2101/69](#) is incomplete pending reclassification of documents from groups [B64U 2101/00](#) and [B64U 2101/60](#).

Groups [B64U 2101/00](#), [B64U 2101/60](#) and [B64U 2101/69](#) should be considered in order to perform a complete search.

- 2101/70 . for use inside enclosed spaces, e.g. in buildings or in vehicles

**WARNING**

Group [B64U 2101/70](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#) and [B64U 2101/70](#) should be considered in order to perform a complete search.

- 2101/75 . for extra-terrestrial use, e.g. on the Moon or Mars

**WARNING**

Group [B64U 2101/75](#) is incomplete pending reclassification of documents from group [B64U 2101/00](#).

Groups [B64U 2101/00](#) and [B64U 2101/75](#) should be considered in order to perform a complete search.

**2201/00 UAVs characterised by their flight controls**

- 2201/10 . autonomous, i.e. by navigating independently from ground or air stations, e.g. by using inertial navigation systems [INS]
- 2201/102 . . adapted for flying in formations
- 2201/104 . . using satellite radio beacon positioning systems, e.g. GPS
- 2201/20 . Remote controls
- 2201/202 . . using tethers for connecting to ground station