

# CPC COOPERATIVE PATENT CLASSIFICATION

**B60V** **AIR-CUSHION VEHICLES** (devices for short-distance movement of heavy loads by providing a high-pressure fluid cushion, supplied from an independent source, between load and ground [B65G 7/06](#))

## NOTE

The term "air-cushion vehicles" in this subclass includes all vehicles which are wholly or partly supported on land or water by air or other gaseous cushions

- 1/00** **Air-cushion** (land vehicles, waterborne vessels, or aircraft adapted or modified to travel on air cushion [B60V 3/00](#))
  - 1/02 . wherein the cushion is generated and contained by at least one peripheral fluid curtain
  - 1/04 . wherein the cushion is contained at least in part by walls
  - 1/043 . . {the walls being flexible (skirt details [B60V 1/16](#))}
  - 1/046 . . {the walls or a part of them being rigid}
  - 1/06 . wherein the cushion is formed within plenum chamber
  - 1/08 . wherein the cushion is created during forward movement of the vehicle by ram effect
  - 1/10 . in which the curtain-forming nozzle or the vehicle base is shaped to create a vortex curtain
  - 1/11 . Stability or attitude control
  - 1/115 . . {by ground or water engaging means, e.g. rudders or wheels}
  - 1/12 . . by dividing the cushion
  - 1/14 . Propulsion; Control thereof ([B60V 1/11](#) takes precedence)
  - 1/145 . . {using a water propeller}
  - 1/15 . . using part of the cushion-forming fluid
  - 1/16 . Flexible skirts
  - 1/18 . Body structure
  - 1/20 . Spray deflectors
  - 1/22 . provided with hydrofoils ([hydrofoils per se B63B 1/24](#))
- 3/00** **Land vehicles, waterborne vessels, or aircraft, adapted or modified to travel on air cushions**
  - 3/02 . Land vehicles, e.g. road vehicles
  - 3/025 . . {co-operating with a flat surface, e.g. transporting loads on platforms}
  - 3/04 . . co-operating with rails or other guiding means, e.g. with air cushion between rail and vehicle
  - 3/06 . Waterborne vessels
  - 3/065 . . {hulls therefor}
  - 3/08 . Aircraft, e.g. air-cushion alighting-gear therefor