

**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

**B60V 1/00**

**Air-cushion** (land vehicles, waterborne vessels, or aircraft adapted or modified to travel on air cushion [B60V 3/00](#))

- B60V 1/02
  - wherein the cushion is generated and contained by at least one peripheral fluid curtain
- B60V 1/04
  - wherein the cushion is contained at least in part by walls
- B60V 1/043
  - . {the walls being flexible (skirt details [B60V 1/16](#))}
- B60V 1/046
  - . {the walls or a part of them being rigid}
- B60V 1/06
  - wherein the cushion is formed within plenum chamber
- B60V 1/08
  - wherein the cushion is created during forward movement of the vehicle by ram effect
- B60V 1/10
  - in which the curtain-forming nozzle or the vehicle base is shaped to create a vortex curtain
- B60V 1/11
  - Stability or attitude control
- B60V 1/115
  - . {by ground or water engaging means, e.g. rudders or wheels}
- B60V 1/12
  - . by dividing the cushion
- B60V 1/14
  - Propulsion; Control thereof ([B60V 1/11](#) takes precedence)
- B60V 1/145
  - . {using a water propeller}
- B60V 1/15
  - . using part of the cushion-forming fluid
- B60V 1/16
  - Flexible skirts
- B60V 1/18
  - Body structure
- B60V 1/20
  - Spray deflectors
- B60V 1/22
  - provided with hydrofoils ([hydrofoils per se B63B 1/24](#))

**B60V 3/00**

**Land vehicles, waterborne vessels, or aircraft, adapted or modified to travel on air cushions**

- B60V 3/02
  - Land vehicles, e.g. road vehicles
- B60V 3/025
  - . {co-operating with a flat surface, e.g. transporting loads on platforms}
- B60V 3/04
  - . co-operating with rails or other guiding means, e.g. with air cushion between rail and vehicle
- B60V 3/06
  - Waterborne vessels
- B60V 3/065
  - . {hulls therefor}
- B60V 3/08
  - Aircraft, e.g. air-cushion alighting-gear therefor