

**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