

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

Guidance heading:

- 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