

ECLA**EUROPEAN 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 [B65G7/06](#))

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

B60V1/00

Air-cushion (land vehicles, waterborne vessels, or aircraft adapted or modified to travel on air cushion [B60V3/00](#))

- B60V1/02 . wherein the cushion is generated and contained by at least one peripheral fluid curtain
- B60V1/04 . wherein the cushion is contained at least in part by walls
- B60V1/04F . . [N: the walls being flexible (skirt details [B60V1/16](#))] [N0801]
- B60V1/04R . . [N: the walls or a part of them being rigid] [N0801]
- B60V1/06 . wherein the cushion is formed within plenum chamber
- B60V1/08 . wherein the cushion is created during forward movement of the vehicle by ram effect
- B60V1/10 . in which the curtain-forming nozzle or the vehicle base is shaped to create a vortex curtain
- B60V1/11 . Stability or attitude control
- B60V1/11G . . [N: by ground or water engaging means, e.g. rudders or wheels] [N0802]
- B60V1/12 . . by dividing the cushion
- B60V1/14 . Propulsion; Control thereof ([B60V1/11](#) takes precedence)
- B60V1/14W . . [N: using a water propeller] [N0802]
- B60V1/15 . . using part of the cushion-forming fluid
- B60V1/16 . Flexible skirts
- B60V1/18 . Body structure
- B60V1/20 . Spray deflectors
- B60V1/22 . provided with hydrofoils ([hydrofoils per se B63B1/24](#))
- B60V3/00** **Land vehicles, waterborne vessels, or aircraft, adapted or modified to travel on air cushions**
- B60V3/02 . Land vehicles, e.g. road vehicles
- B60V3/02B . . [N: co-operating with a flat surface, e.g. transporting loads on platforms] [C0802]

- B60V3/04
 - . . co-operating with rails or other guiding means, e.g. with air cushion between rail and vehicle
- B60V3/06
 - . Waterborne vessels
- B60V3/06H
 - . . [N: hulls therefor] [N0802]
- B60V3/08
 - . Aircraft, e.g. air-cushion alighting-gear therefor