

Title (en)

GUIDEWAY SWITCH APPARATUS FOR MAGNETICALLY LEVITATED VEHICLES

Title (de)

FAHRWEGSCHALTVORRICHTUNG FÜR MAGNETSCHWEBEFAHRZEUGE

Title (fr)

APPAREIL DE COMMUTATION DE DISPOSITIF DE GUIDAGE POUR VÉHICULES À SUSTENTATION MAGNÉTIQUE

Publication

EP 2094525 A2 20090902 (EN)

Application

EP 07869647 A 20071220

Priority

- US 2007088375 W 20071220
- US 87088406 P 20061220
- US 96062807 A 20071219

Abstract (en)

[origin: US2008148988A1] A switch is used, at the divergent zone, to cause the vehicle bogie to follow one path or the other in the guideway. This is accomplished by substituting an attracting magnetic array on the side that the vehicle bogie is desired to follow. The switch may operate without moving parts, so there is no inertial penalty to limit operational frequency. The switch is designed to fail gracefully in the absence of activation power or control signals. Further, the switch is designed to ensure that there would be no derailment or dropping of a vehicle.

IPC 8 full level

B60L 13/04 (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2008079975A2

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