

Title (en)

VEHICLE THAT CAN BE BOUND TO A TRACK WITH THE AID OF A MAGNETIC ATTRACTING DEVICE

Publication

**EP 0059443 B1 19861015 (DE)**

Application

**EP 82101459 A 19820225**

Priority

DE 3107341 A 19810226

Abstract (en)

[origin: CA1179027A] An undercarriage for a magnetic levitation vehicle, has springs flexibly supporting a superstructure on the undercarriage and a magnetic levitation and propulsion device. A position-defining device is guided at a substantially constant spacing from the track and a coupling for continuously detecting the load exerted by the vehicle on the springs co-operates with the position-defining device for adjusting the width of the gap of the magnetic device. The springs comprising at least one arrangement one behind the other of a first spring element and a second spring element and the coupling means is arranged to detect the load exerted by the vehicle on one of the two spring elements.

IPC 1-7

**B61B 13/08**; **B60L 13/06**

IPC 8 full level

**B60L 13/06** (2006.01); **B61B 13/08** (2006.01); **B61F 5/04** (2006.01)

CPC (source: EP US)

**B61B 13/08** (2013.01 - EP US); **B61F 5/04** (2013.01 - EP US)

Cited by

CN103072591A; CN104015748A

Designated contracting state (EPC)

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**EP 0059443 A2 19820908**; **EP 0059443 A3 19830525**; **EP 0059443 B1 19861015**; AT E22849 T1 19861115; CA 1179027 A 19841204; DE 3107341 A1 19820902; DE 3107341 C2 19850801; DE 3273762 D1 19861120; US 4516505 A 19850514

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**EP 82101459 A 19820225**; AT 82101459 T 19820225; CA 397205 A 19820226; DE 3107341 A 19810226; DE 3273762 T 19820225; US 35009782 A 19820218