

Title (en)
Device for guiding of vehicles

Title (de)
Einrichtung zur Führung von Fahrzeugen

Title (fr)
Dispositif pour guider des véhicules

Publication
EP 0770533 B1 20000517 (DE)

Application
EP 96116907 A 19961021

Priority
DE 19540089 A 19951027

Abstract (en)
[origin: EP0770533A1] The steering guides a vehicle on a predetermined course (4) using two adjacent wheels (1,2). The steering motions which are necessary to maintain the course, are produced by driving and braking torques of equal magnitudes and opposing directions. The motions act simultaneously on the adjacent wheels of the vehicle or bogey, so that driving and braking forces of equal magnitudes and opposing directions arise at the contact points on the wheels, to create a steering moment. The driving and braking torques may be produced by separate generators.

IPC 1-7
B61C 15/14; **B61F 3/16**; **B61F 5/38**

IPC 8 full level
B61C 15/14 (2006.01); **B61F 3/16** (2006.01); **B61F 5/38** (2006.01)

CPC (source: EP)
B61C 15/14 (2013.01); **B61F 3/16** (2013.01); **B61F 5/383** (2013.01)

Cited by
EP0936125A3; DE10047432A1; EP1199237A1; DE10052018A1; EP0965511A3; CN109941299A; US9475522B2; US8622002B2; WO2015002539A1

Designated contracting state (EPC)
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