

Title (en)

Guiding system with a carriage guided on a rail

Title (de)

Führungssystem mit einem auf einer Schiene geführten Laufwagen

Title (fr)

Système de guidage avec un chariot guidé sur un rail

Publication

EP 0950597 B1 20040519 (DE)

Application

EP 98810330 A 19980416

Priority

EP 98810330 A 19980416

Abstract (en)

[origin: EP0950597A1] A tracked system for vehicles on a support rail (1) has a toothed drive rack (4) under the track and gripped by drive toothed wheels under the vehicle. The middle line (6) of the rack is set at a defined spacing from one side of the track. The drive toothed wheels and the guide element are arranged so that a straight line joining the force contact point and a bearing point is perpendicular to the drive direction. A typical system has the middle line in the same plane as the midperpendicular (7) of the track. The vehicles each have three support wheels for a three point alignment with some of the wheel systems sprung to enable the vehicles to negotiate bends.

IPC 1-7

B61B 13/02; **B61C 11/04**; **E01B 25/04**

IPC 8 full level

B61B 13/02 (2006.01); **B61C 11/04** (2006.01); **E01B 25/04** (2006.01)

CPC (source: EP US)

B61B 13/02 (2013.01 - EP US); **B61C 11/04** (2013.01 - EP US); **E01B 25/04** (2013.01 - EP US)

Cited by

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