

Title (en)  
GUIDING DEVICE FOR A TRACK-BOUND VEHICLE

Publication  
**EP 0264616 B1 19900704 (DE)**

Application  
**EP 87113381 A 19870914**

Priority  
AT 277586 A 19861020

Abstract (en)  
[origin: EP0264616A1] 1. A guide arrangement for a rail-guided vehicle comprising a rolling gear having a rolling gear body with guide rollers with a vertical axis of rotation, which roll laterally against the rack rails, and a switching element which is disposed in front of the guide rollers in the direction of travel and which is pivotable in cantilever relationship about a vertical axis by way of an operating means in order to select the direction of travel at branch points of the track rails, wherein disposed at said branch points between two rail portions of U-shaped configuration are guide vanes which are directed in opposite relationship to the vehicle and which are pivotable about a vertical axis and which are switched over by the switching element and which bear against a side wall of the rail in their two limit positions, characterised in that the guide vanes (12) have a portion which projects upwardly beyond the side limbs (17) of the track rails (9) and which is engaged by the switching element (11) in the switching-over operation, and further characterised in that the switching element (11) is arranged above the side limbs (17) of the track rails (9), that the track rails (9) have a laterally free rail head (10) before and after the branch points, and that the guide rollers (8) which are mounted displaceably in respect of height roll in those regions against the rail head sides and accomodate the track rails (9) between them and that disposed before the branch points on both sides of the free rail head (10) are ramps (16) which lead to the rail portion which is of upwardly open U-shaped configuration, wherein the guide rollers (8) are raised along the ramps (16) so that in the region of the branch points the guide rollers run against the side limbs (17) at the inside thereof.

IPC 1-7  
**E01B 25/12**

IPC 8 full level  
**B66F 9/07** (2006.01); **E01B 25/12** (2006.01)

CPC (source: EP)  
**B66F 9/072** (2013.01); **E01B 25/12** (2013.01)

Cited by  
CN105236164A; DE4339525A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0264616 A1 19880427**; **EP 0264616 B1 19900704**; AT 388363 B 19890612; AT A277586 A 19881115; DE 3763570 D1 19900809; ES 2016605 B3 19901116

DOCDB simple family (application)  
**EP 87113381 A 19870914**; AT 277586 A 19861020; DE 3763570 T 19870914; ES 87113381 T 19870914