

Title (en)
Guiding device for a track-bound vehicle.

Title (de)
Leiteinrichtung für ein schienengeführtes Fahrzeug.

Title (fr)
Dispositif de guidage pour véhicule guidé par rail.

Publication
EP 0264616 A1 19880427 (DE)

Application
EP 87113381 A 19870914

Priority
AT 277586 A 19861020

Abstract (en)
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 accommodate 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.

Abstract (de)
Eine Leiteinrichtung für ein schienengeführtes Fahrzeug weist ein Fahrwerk auf, welches mit einem Fahrwerkskörper (6) mit Führungsrollen (8) mit vertikaler Drehachse versehen ist, die an den Fahrschienen (9) seitlich abrollen. Ein Schaltelement (11), das sich in Fahrtrichtung vor den Führungsrollen (8) befindet und über eine Bedienungseinrichtung um eine vertikale Achse auslegerartig schwenkbar ist, ist vorgesehen, um bei Verzweigestellen der Fahrschienen die Fahrtrichtung auszuwählen, wobei an diesen Verzweigestellen zwischen zwei mit U-Profil ausgebildeten Schienenabschnitten dem Fahrzeug entgegengerichtete, um eine senkrechte Achse schwenkbare Leitfahnen (12) angeordnet sind, die von dem Schaltelement umgeschaltet werden. Die Leitfahnen (12) weisen einen über die Seitenstege (17) der Fahrschienen (9) hinausragenden Bolzen (15) auf, an dem das Schaltelement (11) beim Umschalten angreift. Weiters ist das Schaltelement (11) oberhalb der Seitenstege (17) der Führungsschienen (9) angeordnet.

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E01B 25/12

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

Citation (search report)
• [A] WO 8500628 A1 19850214 - LAGER TECHNIK GMBH [AT]
• [A] US 4089270 A 19780516 - BLAKE A WEBSTER
• [A] FR 2036907 A1 19701231 - POHLIG HECKEL BLEICHERT

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