

Title (en)  
GROOVED RAIL

Title (de)  
RILLENSCHIENE

Title (fr)  
RAIL A GORGE

Publication  
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Application  
**EP 05810007 A 20051103**

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Abstract (en)  
[origin: US2007278322A1] The invention relates to a grooved rail for rail vehicles provided with flange wheels, said grooved rail comprising a rail head ( 5 ) provided with a running rail ( 2 ), a flange groove ( 3 ), and a counterrail ( 4 ), in addition to a rail web ( 6 ), a rail base ( 7 ), and lateral rail chambers ( 8,9 ) extending between the rail head and the rail base. The running rail comprises a vehicle-guiding flange ( 10 ) extending towards the flange groove, said flange being asymmetrically arranged in relation to the rail head, when the depth of the flange groove is more than >20 mm in relation to an essentially horizontally extending axis ( 11 ) of the rail web, in such a way that the width part (B 1 ) of the rail base, on the side of the running rail, is larger, at least by the factor 1.2, than the width part (B 2 ) on the side of the counterrail.

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