

Title (en)
GROOVED RAIL

Title (de)
RILLENSCHIENE

Title (fr)
RAIL A GORGE

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Application
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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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