

Title (en)
DAMPING SECTION FOR CHANNEL RAILS

Title (de)
DÄMPFUNGSPROFIL FÜR RILLENSCHIENEN

Title (fr)
PROFILE D'AMORTISSEMENT POUR RAILS A GORGE

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Application
EP 00965874 A 20000814

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Abstract (en)
[origin: WO0114642A1] The invention relates to a rail assembly provided with a rail (5), in particular, a channel rail, with damping sections (1) and (2) which act on both sides of the rail (5) when in a working position. The spaces around the rail (3, 4) are partially filled by the damping sections and an area (12) of each damping section (1, 2) is located on, or can be applied to the corresponding underside (6, 7) of the rail head (8). Said area (12) stretches elastically in a vertical direction and gives against a restoring force. This configuration allows the rail (5) to be displaced vertically when subjected to stress, without being hindered by parts of a supporting layer (16) of a road section (15) which penetrate the spaces around the rail (3, 4) and without having a detrimental effect on, or destroying said supporting layers (16). Said rail assembly also provides good soundproofing and electric insulation.

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Citation (search report)
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