

Title (en)

RAIL WEB DAMPING TO REDUCE SOUND ON RAIL LINES

Title (de)

SCHIENENSTEGBEDÄMPFUNG ZUR SCHALLREDUZIERUNG AN EISENBAHNGLEISEN

Title (fr)

AMORTISSEMENT DE L'ÂME DE RAIL POUR LA RÉDUCTION DU BRUIT DES VOIES FERRÉES

Publication

EP 2491178 A1 20120829 (DE)

Application

EP 10776960 A 20101022

Priority

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Abstract (en)

[origin: EP2314768A1] The element (10) has a main surface attached as a support surface (16) to sections of a rail web (36). An opening (24) in a front surface is provided for positive engagement of an elastic fixing element i.e. foot clamp (40), for fixing the element against the web. A widened region of the element is provided in a region of the front surface and is arranged in a lower region of the front surface in an installed position of the element. Two recesses (28) are provided at a region of the widened region and sectionally lift a rail flange (38) for attaching a rail fastener. The profiled element is used with a layer of fabric with warp wires and weft wires made of plastic, ceramics or natural fiber.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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