

Title (en)

ELASTIC INTERMEDIATE PLATE AND ARRANGEMENT FOR FASTENING A RAIL FOR A RAIL VEHICLE

Title (de)

ELASTISCHE ZWISCHENPLATTE UND ANORDNUNG ZUR BEFESTIGUNG EINER SCHIENE FÜR EIN SCHIENENFAHRZEUG

Title (fr)

PLAQUE INTERMÉDIAIRE ÉLASTIQUE ET AGENCEMENT POUR FIXER UN RAIL POUR UN VÉHICULE FERROVIAIRE

Publication

**EP 4256132 A1 20231011 (DE)**

Application

**EP 21835602 A 20211201**

Priority

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- EP 2021083820 W 20211201

Abstract (en)

[origin: WO2022117672A1] An intermediate plate that is elastically resilient in the direction of its overall thickness (D22) and intended for supporting a rail (S) for a rail vehicle on an underlying surface (U), wherein the intermediate plate (7a, 7b) has, on at least one of its longitudinal sides, a longitudinal side portion (16, 17; 23, 24) that projects laterally with respect to a central portion of the intermediate plate (7a, 7b) and that has a thickness (DI) that is less than the overall thickness (D22) of the intermediate plate (7a, 7b). In order for such an intermediate plate to be able to be produced in a simplified manner while having optimized use properties, an intermediate plate (7a, 7b) is formed by at least two superposed elastic layers (15a, 15b; 22a, 22b), of which the first layer has a first stiffness and the second layer has a second stiffness. At the same time, the longitudinal side portion (16, 17; 23, 24) of the intermediate plate (7a, 7b) is formed by a portion of the first elastic layer (15a, 22a) that projects beyond the respective longitudinal edge of the second elastic layer (15b, 22b), and the central region of the intermediate plate (7a, 7b) is jointly formed by the second elastic layer (15b, 22b) and the portion of the first elastic layer (15a, 22a) that is covered by the second elastic layer (15b, 22b).

IPC 8 full level

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