

Title (en)

BASE PLATE FOR SUPPORTING A RAIL FOR A RAIL VEHICLE

Title (de)

UNTERLEGPLATTE ZUM ABSTÜTZEN EINER SCHIENE FÜR EIN SCHIENENFAHRZEUG

Title (fr)

SELLE D'APPUI SERVANT À SUPPORTER UN RAIL POUR UN VÉHICULE SUR RAILS

Publication

EP 3601674 B1 20210602 (DE)

Application

EP 18717842 A 20180321

Priority

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- EP 2018057127 W 20180321

Abstract (en)

[origin: WO2018172396A1] Disclosed is a base plate (2) consisting of plastic for supporting a rail (S) for a rail vehicle on a substrate (U), the plate comprising a lower face (9) and an upper face (3), on which a supporting surface (4) for a rail (S) is formed. A recess (25, 26) is formed in the lower face (9), from which recess a passage (19, 20) runs to the upper face (3). The diameter of at least some parts of the recess (25, 26) is greater, transversely to the longitudinal axis (LX) of the passage (19, 20), than the diameter of said passage (19, 20), such that a stop for an insertion piece (34) that can be inserted into the recess (25, 26) is formed on the top surface (27, 28) of the recess (25, 26) associated with the upper face (3). An abutment (33a, 33b) is provided on an inner surface (29, 30) of the recess (25, 26), for anti-rotationally supporting the insert piece (34), the insert piece being supported, by a counter-bearing (36a, 36b) formed on one of its outer surfaces (35), on the abutment (33a, 33b) of the recess (25, 26) and being supported, by its upper face (39), against the top surface (27, 28) of the recess (25, 26). A recess (42) is formed in the insertable insertion piece (34), extending upward from the lower face, a passage (40) aligned with the passage (19, 20) in the base plate (2) opening into the recess when the piece is fitted and the recess (42) of the insertion piece (34) is designed to anti-rotationally hold and support a head (22) of a clamping element (21), the threaded shank (23) of which, during use, runs through the passages (19, 20, 40) of the base plate (2) and the insertion piece (34).

IPC 8 full level

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