

Title (en)

LOAD-BEARING PLATE- OR BAR-SHAPED MOLDED BODIES FOR TRACK CONSTRUCTION

Title (de)

LASTTRAGFÄHIGE PLATTEN- ODER BALKENFÖRMIGE FORMKÖRPER FÜR DEN GLEISBAU

Title (fr)

ÉLÉMENTS MOULÉS EN FORME DE PLAQUES OU DE POUTRES APTES À SUPPORTER DES CHARGES POUR LA CONSTRUCTION DE VOIES FERRÉES

Publication

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Application

**EP 10760578 A 20100830**

Priority

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- AT 2010000314 W 20100830

Abstract (en)

[origin: WO2011035354A2] The invention relates to plate- or bar-shaped molded bodies for track construction, in particular for level crossings. The molded bodies (1, 1a, 1b, 11) are composed of a composite material that contains rock fibers (2) that are cut short, long-fiber rock fibers (3, 13), as a binder (5) a resin made of a combination of two reactive resins, and preferably also a powdery filler (4). Preferably basalt fibers are provided as the rock fibers (2, 3, 13) The molded bodies are preferably provided with a soft footing layer (10) on at least one side surface. Also, two or more molded bodies having adjacent side surfaces (6a, 6b) are joined together, wherein recesses (7) into which positioning bodies (9) can be inserted are provided in the adjacent side surfaces (6a, 6b) in order to mutually position the molded bodies.

IPC 8 full level

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