

Title (en)  
PREFABRICATED, TRADITIONNALLY REINFORCED SUPPORT PANEL

Title (de)  
VORGEFERTIGE, SCHLAFF BEWEHRTE TRAGPLATTE

Title (fr)  
DALLE DE SUPPORT PREFABRIQUEE, ARMEE A ARMATURE CLASSIQUE

Publication  
**EP 1735500 B1 20160511 (DE)**

Application  
**EP 05729172 A 20050412**

Priority  
• AT 2005000123 W 20050412  
• AT 6422004 A 20040414

Abstract (en)  
[origin: WO2005100692A1] Disclosed is a prefabricated, particularly mild-steel, reinforced support plate (1) that is rectangular from a vertical perspective, is made of concrete, and is used for a ballastless superstructure for rail-borne traffic, for at least two rails. Said support plate (1) is larger in the longitudinal direction (a) of the rail than in the direction running perpendicular thereto and comprises at least two recesses (2) which are larger in the longitudinal direction (a) of the rail than in the direction running perpendicular thereto while being embodied in a continuously open manner from the top to the bottom. The bottom face of the inventive support plate is provided with a rubber-elastic coating in the operational state thereof. An upper (5) and lower (6) reinforcement encompassing concrete steel rods is provided. Each of said concrete steel rods is provided with a frame (8, 9) that is located substantially on one plane, said frames being joined to concrete steel rods via reinforcements (7, 12) which extend transversal to or along the longitudinal direction of the rail.

IPC 8 full level  
**E01B 3/40** (2006.01); **E01B 1/00** (2006.01); **E04C 5/00** (2006.01)

CPC (source: EP)  
**E01B 1/002** (2013.01); **E01B 3/40** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
BA YU

DOCDB simple family (publication)  
**WO 2005100692 A1 20051027**; AT 500284 A1 20051115; AT 500284 B1 20060815; AT 500284 B8 20070215; DK 1735500 T3 20160822; EP 1735500 A1 20061227; EP 1735500 B1 20160511; ES 2585905 T3 20161010; PT 1735500 T 20160818

DOCDB simple family (application)  
**AT 2005000123 W 20050412**; AT 6422004 A 20040414; DK 05729172 T 20050412; EP 05729172 A 20050412; ES 05729172 T 20050412; PT 05729172 T 20050412