

Title (en)
CONCRETE SLEEPER

Title (de)
BETONSCHWELLE

Title (fr)
POUTRE EN BETON

Publication
EP 1957713 A1 20080820 (DE)

Application
EP 06829151 A 20061128

Priority
• EP 2006011392 W 20061128
• DE 102005057647 A 20051201

Abstract (en)
[origin: WO2007062799A1] The invention relates to a monoblock clamping concrete sleeper (10) for a fixed railway having reinforcement (12), with the reinforcement being exposed with a section underneath the sole or bottom surface of the concrete sleeper. In order to allow the anchoring capability of the concrete sleeper to be predetermined to the desired extent, it is proposed that the reinforcement (12) be a section of a structural steel mesh to form an N-corner column with $N > 3$ bent section of a constructional steel mat and the exposed section of the reinforcement be a rest for longitudinal rods.

IPC 8 full level
E01B 3/34 (2006.01)

CPC (source: EP KR)
E01B 1/004 (2013.01 - EP); **E01B 3/34** (2013.01 - EP KR)

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102005057647 A1 20070606; AT E460534 T1 20100315; CN 101316964 A 20081203; CN 101316964 B 20111005; DE 502006006415 D1 20100422; DK 1957713 T3 20100628; EP 1957713 A1 20080820; EP 1957713 B1 20100310; ES 2342005 T3 20100630; KR 101079566 B1 20111104; KR 20080075900 A 20080819; TW 200728559 A 20070801; WO 2007062799 A1 20070607

DOCDB simple family (application)
DE 102005057647 A 20051201; AT 06829151 T 20061128; CN 200680044735 A 20061128; DE 502006006415 T 20061128; DK 06829151 T 20061128; EP 06829151 A 20061128; EP 2006011392 W 20061128; ES 06829151 T 20061128; KR 20087016118 A 20061128; TW 95144127 A 20061129