

Title (en)
RAILROAD TIE

Title (de)
BAHNSCHWELLE

Title (fr)
TRAVERSE DE CHEMIN DE FER

Publication
EP 2697430 B1 20150603 (DE)

Application
EP 12714922 A 20120313

Priority
• AT 5342011 A 20110415
• AT 2012000063 W 20120313

Abstract (en)
[origin: WO2012139142A1] A railroad tie has a concrete body (2) with a tie sole (3) which is attached thereto, wherein, in order to connect the tie sole (3) to the concrete body (2) in a way which is resistant to shearing force, a connecting layer (6) is provided which is connected both to the tie sole (3) and to the concrete body (2), and at the same time is partially embedded in the concrete of the concrete body (2). The connecting layer (6) is formed by a spacer fabric which comprises first and second layers (9, 10) which are held at a distance from one another by connecting threads (11) and of which the first layer (9) is embedded in the concrete of the concrete body (2).

IPC 8 full level
E01B 3/46 (2006.01)

CPC (source: EP)
D04B 21/12 (2013.01); **E01B 3/46** (2013.01); **D10B 2403/0213** (2013.01); **D10B 2505/02** (2013.01); **E01B 2204/01** (2013.01)

Cited by
EP4215671A1; EP4335963A1; DE102022134100A1; WO2024132642A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012139142 A1 20121018; AT 510835 A4 20120715; AT 510835 B1 20120715; DK 2697430 T3 20150824; EP 2697430 A1 20140219; EP 2697430 B1 20150603; ES 2546434 T3 20150923; PL 2697430 T3 20151130

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