

Title (en)  
CONCRETE TRACK FOR RAIL VEHICLES

Title (de)  
BETONFAHRBAHN FÜR SCHIENENFAHRZEUGE

Title (fr)  
VOIE EN BÉTON POUR VÉHICULES SUR RAILS

Publication  
**EP 1825059 B1 20100428 (DE)**

Application  
**EP 05804987 A 20051126**

Priority  
• DE 2005002133 W 20051126  
• DE 102004061165 A 20041216

Abstract (en)  
[origin: WO2006063550A1] The invention relates to a concrete track for rail vehicles comprising single or multi-block sleepers that are embedded in the track flagstone. The invention is characterised in that the track flagstone (2) comprises cross-sectional weaknesses that run transversally to the direction of travel, in order to create cracks and at least one respective body that overlaps the region of the weakened cross-section on both sides, transmitting transversal forces.

IPC 8 full level  
**E01B 1/00** (2006.01)

CPC (source: EP KR US)  
**E01B 1/002** (2013.01 - EP US); **E01B 1/004** (2013.01 - EP KR US); **E01B 31/04** (2013.01 - KR); **E01B 2204/05** (2013.01 - 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

Designated extension state (EPC)  
HR YU

DOCDB simple family (publication)  
**WO 2006063550 A1 20060622**; AR 056632 A1 20071017; AT E466135 T1 20100515; AU 2005316083 A1 20060622; AU 2005316083 B2 20090625; BR PI0518996 A2 20081223; CA 2589816 A1 20060622; CA 2589816 C 20110104; CN 1898442 A 20070117; DE 102004061165 A1 20060706; DE 502005009497 D1 20100610; EP 1825059 A1 20070829; EP 1825059 B1 20100428; ES 2344462 T3 20100827; IL 183803 A0 20070920; JP 2008524471 A 20080710; KR 100969981 B1 20100715; KR 101172504 B1 20120810; KR 20070087586 A 20070828; KR 20090039845 A 20090422; MA 29150 B1 20080102; MD 20070206 A 20071130; MX 2007007043 A 20070814; MY 139483 A 20091030; NO 20073639 L 20070914; PL 1825059 T3 20100930; PT 1825059 E 20100510; RS 20100230 A 20111231; RU 2007126805 A 20090127; RU 2353724 C1 20090427; TW 200622061 A 20060701; TW I346167 B 20110801; US 2008116290 A1 20080522; US 8146834 B2 20120403; ZA 200705820 B 20080730

DOCDB simple family (application)  
**DE 2005002133 W 20051126**; AR P050105036 A 20051201; AT 05804987 T 20051126; AU 2005316083 A 20051126; BR PI0518996 A 20051126; CA 2589816 A 20051126; CN 200580000717 A 20051126; DE 102004061165 A 20041216; DE 502005009497 T 20051126; EP 05804987 A 20051126; ES 05804987 T 20051126; IL 18380307 A 20070610; JP 2007545828 A 20051126; KR 20077012761 A 20051126; KR 20097005414 A 20051126; MA 30073 A 20070712; MD 20070206 A 20051126; MX 2007007043 A 20051126; MY PI20055302 A 20051111; NO 20073639 A 20070716; PL 05804987 T 20051126; PT 05804987 T 20051126; RS P20100230 A 20100525; RU 2007126805 A 20051126; TW 94138934 A 20051107; US 79160405 A 20051126; ZA 200705820 A 20070716