

Title (en)
CONCRETE TRACK FOR RAIL VEHICLES

Title (de)
BETONFAHRBAHN FÜR SCHIENENFAHRZEUGE

Title (fr)
VOIE EN BÉTON POUR VÉHICULES SUR RAILS

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Application
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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.

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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;
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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