

Title (en)

METHOD OF MANUFACTURING CONCRETE RAILWAY TIES AND ELEMENTS USED FOR CARRYING IT OUT

Publication

EP 0054983 B1 19841205 (FR)

Application

EP 81201202 A 19811029

Priority

- BE 2058926 A 19801224
- BE 2059402 A 19811006

Abstract (en)

[origin: WO8202167A1] Method for manufacturing reinforced concrete railway sleepers, characterized in that it comprises substantially the mounting, through openings (2, 3) arranged at the bottom of the mould (1), of two parts or elements (5) of a rail clamp, the securing of those elements (5) outside the mould (1), the arrangement of an intermediary reinforcement (12) on the upper reinforcement (7), the introduction of a connection rod (13) through an opening (14) arranged in the wall of the mould (1), and the filling of the mold (1) with concrete, the lower reinforcement (15) being incorporated at the right time in the conventional way and the whole being finally treated by vibration.

IPC 1-7

B28B 23/00; **B28B 23/02**; **E01B 3/36**

IPC 8 full level

B28B 23/00 (2006.01); **B28B 23/02** (2006.01); **E01B 3/36** (2006.01)

CPC (source: EP US)

B28B 23/00 (2013.01 - EP US); **B28B 23/005** (2013.01 - EP US); **B28B 23/02** (2013.01 - EP US); **E01B 3/36** (2013.01 - EP US)

Cited by

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DOCDB simple family (publication)

WO 8202167 A1 19820708; AU 546264 B2 19850822; AU 8000282 A 19820720; DE 3167654 D1 19850117; DK 14783 A 19830114; DK 14783 D0 19830114; DK 152099 B 19880201; DK 152099 C 19880627; EP 0054983 A1 19820630; EP 0054983 B1 19841205; FI 73919 B 19870831; FI 73919 C 19871210; FI 830001 A0 19830103; FI 830001 L 19830103; HU 185500 B 19850228; MX 159730 A 19890811; NO 830080 L 19830112; OA 07303 A 19870131; RO 87730 A 19851031; RO 87730 B 19851002; US 4737333 A 19880412

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BE 8100001 W 19811218; AU 8000282 A 19811218; DE 3167654 T 19811029; DK 14783 A 19830114; EP 81201202 A 19811029; FI 830001 A 19830103; HU 22581 A 19811218; MX 19073682 A 19820104; NO 830080 A 19830112; OA 57897 A 19830118; RO 10934582 A 19821216; US 74583185 A 19850618