

Title (en)
SHUTTERING FOR THE SERIES PRODUCTION OF REINFORCED CONCRETE ASSEMBLY UNITS, IN PARTICULAR FOR PRESTRESSED SLEEPERS OF SWITCHES

Publication
EP 0180937 A3 19880727 (DE)

Application
EP 85113957 A 19851102

Priority
DE 3440247 A 19841103

Abstract (en)
[origin: EP0180937A2] A long mould of U-shaped cross-section is divided into compartments by transverse partition (8) to suit the required length of the cart sleepers. The partitions are secured by bolts (9) which engage a T-shaped nut in a correspondingly shaped groove (7) on the underside of the mould. The head of the bolt fits in a recess in the top edge of the partition so that there is no projection above the partition top surface. Each bolt is screwed into a threaded sleeve (11) under the bottom plate (5).

IPC 1-7
B28B 23/00; **B28B 7/24**

IPC 8 full level
B28B 7/24 (2006.01); **B28B 23/00** (2006.01); **B28B 23/02** (2006.01)

CPC (source: EP)
B28B 23/005 (2013.01); **B28B 23/026** (2013.01)

Citation (search report)
• [AP] US 4526739 A 19850702 - MIGLIACCI ANTONIO [IT], et al
• [A] US 3071836 A 19630108 - TUMEY LAWRENCE F
• [A] FR 1565510 A 19690502
• [A] GB 709123 A 19540519 - DOWSETT ENGINEERING CONSTRUCTI, et al
• [A] US 2397728 A 19460402 - LYTTTELTON DOWSETT HARRY, et al
• [A] SOVIET INVENTIONS ILLUSTRATED, Bull. 14, 15. April 1984, Derwent Publications Ltd, London, GB; & SU-A-1 085 836 (SOIOUZTCHELEZOBETON) 15-04-1984
• [AD] DIE BUNDESBahn, Band 9, September 1982, Seiten 647-650; H. SCHULTHEISS et al.: "Erstmals bei der DB: Weiche auf Spannbetonschwellen"

Cited by
CN111231090A; CN108748622A; EP1033439A1; DE3629030A1; EP0268028A1; US4948089A; WO8802049A1

Designated contracting state (EPC)
AT CH DE LI

DOCDB simple family (publication)
EP 0180937 A2 19860514; **EP 0180937 A3 19880727**; **EP 0180937 B1 19900228**; AT E50527 T1 19900315; AT E51795 T1 19900415; DE 3440247 A1 19860522; DE 3440247 C2 19870827; DE 3576137 D1 19900405; DE 3577057 D1 19900517; EP 0183087 A2 19860604; EP 0183087 A3 19880720; EP 0183087 B1 19900411

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