

Title (en)
Device for laying railway track

Title (de)
Maschine zum Verlegen eines Gleises

Title (fr)
Appareil de pose de voie ferrée

Publication
EP 0811721 A3 20021204 (DE)

Application
EP 97890081 A 19970430

Priority
AT 96796 A 19960604

Abstract (en)
[origin: EP0811721A2] The machine comprises a rail laying vehicle which has a front section (4) with a long support arm extended in front of a rear section (3) over the rail bed to be worked. The free end of the support arm is supported by a self propelled vehicle (33) which runs on the rail bed and not on the rails. The two sections are joined by a vertical pivot axis (9) on a sliding mounting. The rear section has a feed mechanism (17) for sleepers (6) and a feed mechanism for the rails. The rear section runs on support rails on flat bed rail trucks and has a gantry type hoist (18) to transport the sleepers and the rails. The same machine can be used in reverse to lift rails and sleepers.

IPC 1-7
E01B 29/05

IPC 8 full level
E01B 29/02 (2006.01); **E01B 29/05** (2006.01)

CPC (source: EP US)
E01B 29/05 (2013.01 - EP US)

Citation (search report)
• [DA] US 3604358 A 19710914 - PLASSER FRANZ, et al
• [DA] US 5357867 A 19941025 - THEURER JOSEF [AT], et al
• [DA] US 4979247 A 19901225 - BUHLER FRITZ [CH]
• [A] US 4207820 A 19800617 - CICIN-SAIN IVO [CH]

Cited by
CN103938509A; CN103015277A; AT3379U3; EP1106734A3; EP1614805A3; EP1106734A2

Designated contracting state (EPC)
AT BE CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0811721 A2 19971210; EP 0811721 A3 20021204; EP 0811721 B1 20031008; AT A96796 A 19970915; AT E251693 T1 20031015; AU 2466897 A 19971211; AU 709022 B2 19990819; CA 2206742 A1 19971204; CA 2206742 C 20040518; CN 1102978 C 20030312; CN 1172187 A 19980204; CZ 164397 A3 19971217; CZ 287153 B6 20000913; DE 59710826 D1 20031113; ES 2208865 T3 20040616; PL 182972 B1 20020531; PL 320300 A1 19971208; RU 2117721 C1 19980820; US 5778794 A 19980714

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EP 97890081 A 19970430; AT 96796 A 19960604; AT 97890081 T 19970430; AU 2466897 A 19970603; CA 2206742 A 19970603; CN 97111475 A 19970602; CZ 164397 A 19970528; DE 59710826 T 19970430; ES 97890081 T 19970430; PL 32030097 A 19970530; RU 97108774 A 19970602; US 86523397 A 19970529