

Title (en)
Railway track renewal machine

Title (de)
Maschine zur Erneuerung eines Gleises

Title (fr)
Machine de renouvellement d'une voie ferrée

Publication
EP 1179634 B1 20050330 (DE)

Application
EP 01890173 A 20010606

Priority
AT 5132000 U 20000713

Abstract (en)
[origin: US2002005141A1] A track renewal machine includes an mobile machine frame having a ballast chute on a machine end. A tie laying device for laying new ties and a tie lifting device for picking up old ties are mounted on the machine frame, and a ballast clearing device for taking up ballast is arranged following the tie lifting device in an operating direction. A first conveyor transports ballast to the machine end and is disposed behind the ballast clearing device, and a ballast planing device is mounted on the machine frame immediately ahead of the tie laying device. A second conveyor extends on the machine frame in longitudinal direction thereof and has a receiving end positioned at the machine end and a discharge end arranged above the ballast planing apparatus. Cleaned ballast can thus be received from either a screening car or from a storage wagon coupled to the machine.

IPC 1-7
E01B 29/05

IPC 8 full level
E01B 29/05 (2006.01); **E01B 27/08** (2006.01); **E01B 27/11** (2006.01); **E01B 29/06** (2006.01)

CPC (source: EP US)
E01B 27/08 (2013.01 - EP US); **E01B 29/06** (2013.01 - EP US); **E01B 2203/015** (2013.01 - EP US)

Cited by
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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US 2002005141 A1 20020117; **US 6422150 B2 20020723**; AT 3918 U2 20001025; AT 3918 U3 20010827; AT E292209 T1 20050415; AU 5434701 A 20020117; AU 779760 B2 20050210; CN 1152169 C 20040602; CN 1333406 A 20020130; CZ 20012497 A3 20020313; CZ 294665 B6 20050216; DE 50105755 D1 20050504; EP 1179634 A2 20020213; EP 1179634 A3 20030528; EP 1179634 B1 20050330; ES 2243433 T3 20051201; JP 2002047602 A 20020215; JP 4611576 B2 20110112; PL 201968 B1 20090529; PL 348467 A1 20020114; UA 73105 C2 20050615

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US 89873801 A 20010702; AT 01890173 T 20010606; AT 5132000 U 20000713; AU 5434701 A 20010712; CN 01123202 A 20010713; CZ 20012497 A 20010710; DE 50105755 T 20010606; EP 01890173 A 20010606; ES 01890173 T 20010606; JP 2001198846 A 20010629; PL 34846701 A 20010703; UA 2001074876 A 20010711