

Title (en)  
Railway track renewal machine

Title (de)  
Maschine zur Erneuerung eines Gleises

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

Publication  
**EP 1172481 A3 20031119 (DE)**

Application  
**EP 01890153 A 20010523**

Priority  
AT 5122000 U 20000713

Abstract (en)  
[origin: EP1172481A2] Machine (1) for renewal of a railway track (4) comprising rails (2) and sleepers (3) has a two-part (7) machine frame (6), supported at its end side on the track by a rail movement mechanism (5), with a link (8) between both frame parts. It has a sleeper location device (21) and a sleeper accommodation device (43), between which is an endlessly rotatable clearance device (11) for accommodation of ballast (14). A first conveyor belt unit (17) is available for moving ballast away. Between the clearance device and the sleeper location device is a ballast discharge unit (23), at the end (22) of which in the machine longitudinal direction runs a second conveyor belt unit (19) for transport of ballast and a drive-impelled height-adjustable ballast levelling device (27).

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)

Citation (search report)

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EP1179635A3; WO2022199970A1; JP2002047601A

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1172481 A2 20020116; EP 1172481 A3 20031119; EP 1172481 B1 20050914**; AT 3917 U2 20001025; AT 3917 U3 20010827; AT E304630 T1 20050915; AU 5434601 A 20020117; AU 779757 B2 20050210; CA 2352939 A1 20020113; CA 2352939 C 20051101; CN 1152168 C 20040602; CN 1333405 A 20020130; CZ 20012496 A3 20020313; CZ 294638 B6 20050216; DE 50107402 D1 20051020; DK 1172481 T3 20051121; ES 2247051 T3 20060301; JP 2002047601 A 20020215; JP 4786068 B2 20111005; PL 201969 B1 20090529; PL 348468 A1 20020114; RU 2225472 C2 20040310; UA 72905 C2 20050516; US 2002005139 A1 20020117; US 6450101 B2 20020917

DOCDB simple family (application)  
**EP 01890153 A 20010523**; AT 01890153 T 20010523; AT 5122000 U 20000713; AU 5434601 A 20010712; CA 2352939 A 20010712; CN 01123201 A 20010713; CZ 20012496 A 20010710; DE 50107402 T 20010523; DK 01890153 T 20010523; ES 01890153 T 20010523; JP 2001198845 A 20010629; PL 34846801 A 20010703; RU 2001119200 A 20010712; UA 2001074877 A 20010711; US 89873901 A 20010702