

Title (en)

Machine for reconditioning railway roadbeds

Title (de)

Maschine zur Wiederherstellung von Schienenbahnbetten

Title (fr)

Machine permettant la maintenance des plates-formes d'une voie de chemin de fer

Publication

EP 2554745 A1 20130206 (EN)

Application

EP 12178881 A 20120801

Priority

IT GE20110088 A 20110804

Abstract (en)

Machine for reconditioning railway roadbeds, comprising an equipped wagon (1) provided with means (13) for temporarily lifting the rails (8) of a track (7), excavation means (23) for removing the material of the roadbed (10) situated under the lifted track (7) and means (18) of lifting and rotating at least one of the sleepers (9', 9'') to be at least partly released from the rails (8) of the track (7); this machine further comprises at least one unit for demolishing and lowering the roadbed located, with respect to the direction (S) of advancement of the equipped wagon (1), upline of the rail lifting means (13) and downline of the excavation means (23), and a plurality of demolition means (17, 17') for breaking up a certain stretch of roadbed (10), both within and outside the rails (8); wherein the demolition means (17, 17') are suitable for acting in the empty space left by the sleeper (9'') lifted and rotated by these lifting and rotating means (18), and this sleeper (9'') is to be carried by the means (18) to a new position situated upline of the excavation means (23) and on the reconditioned and lowered roadbed (10').

IPC 8 full level

E01B 27/10 (2006.01); **E01B 27/12** (2006.01)

CPC (source: EP)

E01B 27/105 (2013.01); **E01B 27/12** (2013.01)

Citation (applicant)

IT 948861 B 19730611 - VALDITERRA S [IT]

Citation (search report)

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- [A] DE 4329277 A1 19950302 - WIEGAND KLAUS [DE]
- [A] EP 0629744 A2 19941221 - PLASSER BAHNBAUMASCH FRANZ [AT]
- [A] WO 9013710 A1 19901115 - CROWELL JAMES E [US]

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2554745 A1 20130206; **EP 2554745 B1 20170621**; ES 2640942 T3 20171107; IT GE20110088 A1 20130205

DOCDB simple family (application)

EP 12178881 A 20120801; ES 12178881 T 20120801; IT GE20110088 A 20110804