

Title (en)

Method for sectionally replacing old sleepers of a track with new sleepers

Title (de)

Verfahren zum abschnittswiseigen Ersatz von Altschwellen eines Gleises durch Neuschwellen

Title (fr)

Procédé pour le remplacement par endroits d'anciennes traverses d'une voie par des traverses neuves

Publication

EP 2663690 B1 20161130 (DE)

Application

EP 11802291 A 20111224

Priority

- AT 312011 A 20110111
- EP 2011006564 W 20111224

Abstract (en)

[origin: WO2012095152A1] In order to sectionally replace old sleepers (7) of a track (3) with new sleepers (8), ballast (11) is suctioned from sleeper bays (29) of a sleeper group (30) comprising at least five adjoining old sleepers (7) and intermediately stored. The old sleepers (7) are shifted relative to one another with respect to a vehicle longitudinal direction (5) such that the old sleepers (7) are positioned directly adjoining one another. The old sleepers (7) are rotated individually 90 degrees, lifted between the two tracks (13) and transported away. The new sleepers (8) are lowered individually between the two tracks (13), rotated 90 degrees and spaced from one another.

IPC 8 full level

E01B 27/04 (2006.01); **E01B 29/06** (2006.01)

CPC (source: EP)

E01B 27/04 (2013.01); **E01B 29/06** (2013.01)

Citation (examination)

- EP 0057128 A1 19820804 - SOTRAMEF [FR]
- EP 0761880 A1 19970312 - PLASSER BAHNBAUMASCH FRANZ [AT]
- EP 1130163 A2 20010905 - PLASSER BAHNBAUMASCH FRANZ [AT]
- DE 2119164 A1 19711216

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

DOCDB simple family (publication)

WO 2012095152 A1 20120719; AT 510423 A4 20120415; AT 510423 B1 20120415; CN 103299000 A 20130911; CN 103299000 B 20150617; EP 2663690 A1 20131120; EP 2663690 B1 20161130; JP 2014505812 A 20140306; JP 5984844 B2 20160906

DOCDB simple family (application)

EP 2011006564 W 20111224; AT 312011 A 20110111; CN 201180064606 A 20111224; EP 11802291 A 20111224; JP 2013548754 A 20111224