

Title (en)

Method for excavating a trench parallel to a rail track

Title (de)

Verfahren zum Ausheben eines zu einem Gleis parallelen Grabens bei Bahnstrecken

Title (fr)

Procédé de déblayage d'une tranchée parallèle à un rail dans une voie ferrée

Publication

EP 2213793 B1 20170823 (DE)

Application

EP 10001024 A 20100202

Priority

DE 102009007222 A 20090203

Abstract (en)

[origin: EP2213793A2] The method involves arranging an excavating device (6) on a working carriage (2) that is driven on a track (1), and continuously moving the working carriage forward during excavation of a trench (4). An excavated material is supplied continuously to the working carriage or another working carriage after the excavation, where the latter working carriage is driven on the track or on an adjacent track. The material is supplied by using a conveyor (10) that is pivotable around a vertical axis, where the excavating device has a position measuring device for determining position of the track.

IPC 8 full level

E01B 29/00 (2006.01); **E01B 37/00** (2006.01); **E02F 5/00** (2006.01); **E02F 9/02** (2006.01)

CPC (source: EP)

E01B 1/008 (2013.01); **E01B 29/00** (2013.01); **E01B 37/00** (2013.01); **E02F 5/06** (2013.01); **E02F 7/02** (2013.01); **E02F 9/022** (2013.01)

Cited by

CN107816075A; CN111549592A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 2213793 A2 20100804; **EP 2213793 A3 20140101**; **EP 2213793 B1 20170823**; DE 102009007222 A1 20100902;
DE 102009007222 B4 20150212

DOCDB simple family (application)

EP 10001024 A 20100202; DE 102009007222 A 20090203