

Title (en)

SYSTEM AND METHOD FOR REPLACEMENT OF TRACK BED BALLAST FOR RAILROAD

Title (de)

SYSTEM UND VERFAHREN ZUR AUSWECHSLUNG EINER GLEISSCHOTTERBETTUNG

Title (fr)

SYSTEME ET PROCEDE DE REMPLACEMENT DE BALLAST D'ASSIETTE DE VOIE DE CHEMIN DE FER

Publication

EP 1369529 A1 20031210 (EN)

Application

EP 01912272 A 20010312

Priority

JP 0101916 W 20010312

Abstract (en)

A working train (51) of a one-line unit system includes hopper cars (53a to 53e) with new ballast (NB) loaded thereon and a ballast working car (52). The ballast working car (52) has out-conveyors (57a, 57b) for allowing already laid ballast (B) to be scraped up and the scraped-up ballast to be conveyed onto a rearmost hopper car (53e) and an unloading conveyor (58) configured to unload the new ballast (NB) into a dug-up site (21) where the ballast B has been scraped up. The hopper car (53a, ..., 53e) has a first belt conveyor (61) which conveys the ballast (B) onto a forwardmost hopper car (53a) and second and third belt conveyors (62, 63) which convey the new ballast (NB) onto the unloading conveyor (58). <IMAGE>

IPC 1-7

E01B 27/10

IPC 8 full level

E01B 27/10 (2006.01)

CPC (source: EP)

E01B 27/00 (2013.01); **E01B 27/10** (2013.01)

Cited by

FR2897326A1; EP2708648A3; EP1775190A3; WO2015000019A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 1369529 A1 20031210; **EP 1369529 A4 20040526**; **EP 1369529 B1 20060614**; AT E330069 T1 20060715; DE 60120778 D1 20060727; DE 60120778 T2 20070524; ES 2265416 T3 20070216; WO 02072958 A1 20020919

DOCDB simple family (application)

EP 01912272 A 20010312; AT 01912272 T 20010312; DE 60120778 T 20010312; ES 01912272 T 20010312; JP 0101916 W 20010312