

Title (en)

Arrangement for the subgrade-rehabilitation of a ballast for a track

Title (de)

Anlage zur Untergrundsanie rung einer Schotterbettung eines Gleises

Title (fr)

Installation pour l'assainissement de l'infrastructure du ballast d'une voie ferrée

Publication

EP 0681062 B1 20000322 (DE)

Application

EP 95108995 A 19940510

Priority

- AT 117893 A 19930616
- EP 94890084 A 19940510

Abstract (en)

[origin: EP0681062A2] The installation is for underground renovation of a ballast bed of a rail track (9) and has a machine frame (4) supported on a rail under-carriage (8) and having a track lifting device together with a height-adjustable clearance device for removal of ballast from beneath the track. A conveyor belt is provided for conveyance of level silicate sand. The machine frame supported on the track by a rail under-carriage is connected with clearance devices (5) spaced apart in the machine longitudinal direction and height-adjustable independently of one another. The clearance device arranged at the front in the work direction is used for removal of the upper layers of the ballast bed and the successive rear clearance device is formed for the raising of the residual ballast and of an adjoining earth level. <IMAGE>

IPC 1-7

E01B 27/10

IPC 8 full level

E01B 27/00 (2006.01); **E01B 27/10** (2006.01); **E01B 27/11** (2006.01)

CPC (source: EP US)

E01B 27/105 (2013.01 - EP US); **E01B 2203/015** (2013.01 - EP US); **E01B 2203/022** (2013.01 - EP US); **E01B 2203/024** (2013.01 - EP US); **E01B 2203/027** (2013.01 - EP US); **E01B 2203/032** (2013.01 - EP US); **E01B 2203/047** (2013.01 - EP US); **E01B 2203/065** (2013.01 - EP US); **E01B 2203/083** (2013.01 - EP US); **E01B 2203/10** (2013.01 - EP US); **E01B 2203/127** (2013.01 - EP US)

Cited by

ES2259488A1; AT3876U3; CN106283984A; CN107153394A; US7739811B2; JP2009516103A; JP2009504945A

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0629744 A2 19941221; **EP 0629744 A3 19950510**; **EP 0629744 B1 19971229**; AT E161597 T1 19980115; AT E191030 T1 20000415; CZ 126594 A3 19950118; CZ 279471 B6 19950517; DE 59404864 D1 19980205; DE 59409235 D1 20000427; EP 0681062 A2 19951108; EP 0681062 A3 19951227; EP 0681062 B1 20000322; EP 0790352 A2 19970820; EP 0790352 A3 19970910; ES 2113633 T3 19980501; ES 2146266 T3 20000801; PL 173832 B1 19980529; PL 303733 A1 19950109; RU 2086723 C1 19970810; RU 2106451 C1 19980310; RU 94021361 A 19960627; US 5479725 A 19960102

DOCDB simple family (application)

EP 94890084 A 19940510; AT 94890084 T 19940510; AT 95108995 T 19940510; CZ 126594 A 19940524; DE 59404864 T 19940510; DE 59409235 T 19940510; EP 95108995 A 19940510; EP 97106543 A 19940510; ES 94890084 T 19940510; ES 95108995 T 19940510; PL 30373394 A 19940608; RU 94021361 A 19940414; RU 95114672 A 19950830; US 25866694 A 19940613