

Title (en)

Assembly for taking up, storing and distributing railway track ballast.

Title (de)

Maschinenanordnung zum Aufnehmen, Speichern und Verteilen von Schotter eines Gleises.

Title (fr)

Assemblage pour enlever, emmagasiner et répartir du ballast d'une voie ferrée.

Publication

**EP 0531275 B1 19950906 (DE)**

Application

**EP 92890171 A 19920722**

Priority

AT 173791 A 19910903

Abstract (en)

[origin: CA2077367A1] 13 A machine arrangement (1) for picking-up storing and distributing the ballast of a track (2) consists of a ballast pick-up device (24) composed of rotatable brushes, a ballast transporting device (25) coordinated therewith and projecting over one end of a machine frame (23), a ballast store (8) which has a conveyor belt (10) extending in the longitudinal direction of the machine or of the track, and a plough (16, 17) designed so as to be vertically adjustable. The ballast plough (4) and the ballast store (8) are disposed on a first machine frame (7), in the working direction of the machine arrangement (1), the ballast store (8) having outlet openings (11) located before the ballast plough (16, 17) and the conveyor belt (10) being located in the base region of the ballast store (8). The ballast pick-up device (24) is provided together with the ballast transporting device (25) disposed before it on a second machine frame (23) disposed thereafter. (Fig. 1)

[origin: CA2077367A1] A machine arrangement (1) for picking-up, storing and distributing the ballast of a track (2) consists of a ballast pick-up device (24) composed of rotatable brushes, a ballast transporting device (25) coordinated therewith and projecting over one end of a machine frame (23), a ballast store (8) which has a conveyor belt (10) extending in the longitudinal direction of the machine or of the track, and a plough (16, 17) designed so as to be vertically adjustable. The ballast plough (4) and the ballast store (8) are disposed on a first machine frame (7), in the working direction of the machine arrangement (1), the ballast store (8) having outlet openings (11) located before the ballast plough (16, 17) and the conveyor belt (10) being located in the base region of the ballast store (8). The ballast pick-up device (24) is provided together with the ballast transporting device (25) disposed before it on a second machine frame (23) disposed thereafter. The machine arrangement (1) may be expanded by means of a bulk material loading vehicle (38) located between the ballast plough (4) and the ballast picking-up device (24).

IPC 1-7

**E01B 27/02**

IPC 8 full level

**E01B 27/00** (2006.01); **E01B 27/02** (2006.01)

CPC (source: EP US)

**E01B 27/023** (2013.01 - EP US)

Cited by

EA024485B1; AU2010256076B2; AU2015263553B2; EA032228B1; US10232863B2; WO2015176794A1; WO2010139381A1; WO2013189564A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0531275 A1 19930310; EP 0531275 B1 19950906**; AT E127555 T1 19950915; AU 2205992 A 19930311; AU 650777 B2 19940630; CA 2077367 A1 19930304; CA 2077367 C 20030311; CN 1042248 C 19990224; CN 1070706 A 19930407; CZ 271592 A3 19930811; CZ 278862 B6 19940713; DE 59203554 D1 19951012; ES 2078024 T3 19951201; FI 923933 A0 19920902; FI 923933 A 19930304; FI 98550 B 19970327; FI 98550 C 19970710; HU 209164 B 19940328; HU 9202803 D0 19921130; HU T62047 A 19930329; JP 3056010 B2 20000626; JP H05195502 A 19930803; PL 170072 B1 19961031; PL 295732 A1 19930308; RU 2030500 C1 19950310; SK 271592 A3 19950607; SK 279117 B6 19980708; UA 27232 C2 20000815; US 5289648 A 19940301

DOCDB simple family (application)

**EP 92890171 A 19920722**; AT 92890171 T 19920722; AU 2205992 A 19920902; CA 2077367 A 19920902; CN 92110262 A 19920902; CS 271592 A 19920831; DE 59203554 T 19920722; ES 92890171 T 19920722; FI 923933 A 19920902; HU 9202803 A 19920901; JP 23575992 A 19920903; PL 29573292 A 19920826; SK 271592 A 19920831; SU 5052589 A 19920901; UA 93002230 A 19930618; US 92549592 A 19920805