

Title (en)

DEVICE FOR THE MECHANICAL HANDLING OF MATERIAL ON RAILWAY TRACK EMBANKMENTS, PARTICULARLY FOR HANDLING BALLAST MATERIAL

Publication

**EP 0052089 B1 19840801 (EN)**

Application

**EP 81850207 A 19811105**

Priority

SE 8007800 A 19801106

Abstract (en)

[origin: EP0052089A1] A device for the mechanical handling of ballast material or the like on railway track embankments, comprising a railborne, motor-driven vehicle (5) which carries one or more plough-like adjustable shields (9) for levelling and redistributing ballast material on the track embankment. The device further comprises a brush unit carried by the vehicle (5) at each railway rail, said brush unit being adjustable vertically and having rotatable brushes (13A) for cleanbrushing of ballast material close to the rail and on the sleepers supporting the rails. According to the invention, the brush units comprise brushes (13A) which are driven for rotation about substantially vertical axes. The brushes preferably have a conical shape and are designed with a brush surface which is substantially at right angles to the axis of rotation. The brushes (13A) are adjustable vertically and sideways and can be adjusted into inclined positions. The device also comprises two lateral conveyors (23B) and a conveyor (16) disposed in the middle for conveying excess ballast material into a material bin accompanying said motor-driven vehicle (5).

IPC 1-7

**E01B 27/02**

IPC 8 full level

**E01B 27/02** (2006.01); **E01B 27/04** (2006.01)

CPC (source: EP)

**E01B 27/023** (2013.01); **E01B 27/026** (2013.01); **E01B 27/04** (2013.01)

Cited by

CN108774929A; CN104594277A; FR2694948A1; EP0531275A1; US5289648A; FR2713252A1; AT403706B

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0052089 A1 19820519**; **EP 0052089 B1 19840801**; AT E8802 T1 19840815; DE 3165270 D1 19840906; SE 434659 B 19840806; SE 8007800 L 19820507

DOCDB simple family (application)

**EP 81850207 A 19811105**; AT 81850207 T 19811105; DE 3165270 T 19811105; SE 8007800 A 19801106