

Title (en)

RIDGING DEVICE FOR EARTHING UP THE BALLAST OF A RAILWAY BY VIBRO-COMPRESSION

Publication

**EP 0298049 B1 19920506 (EN)**

Application

**EP 88830272 A 19880627**

Priority

IT 3588487 U 19870701

Abstract (en)

[origin: EP0298049A1] Ridging device for earthing up the ballast of a railway, wherein the vibro-compression implements (2, 2a) are linked to an implement carrier frame which is connected to a platform (3) by means of vibration-dampings. Platform (3) is provided at the upper side with a member (26) engaging an adjustable jib of a motor crane and at the lower side with a supporting member (4) lying on the rail. Platform (3) supports an oleodynamic motor which rotates by a belt pulley an eccentric flywheel shaft freely rotating on frame (1). The opposed pairs of hammer implements of the known type are driven by oleodynamic cylinders. Motor and oleodynamic cylinders are operatively connected to the oleodynamic power source of the motor crane. The ridging device can be used as a normal implement with articulated arm, such as a bucket or the like.

IPC 1-7

**E01B 27/16**

IPC 8 full level

**E01B 27/16** (2006.01)

CPC (source: EP)

**E01B 27/16** (2013.01)

Cited by

AT13657U1; CN108907669A; FR2820764A1; FR2666357A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0298049 A1 19890104; EP 0298049 B1 19920506**; AT E75793 T1 19920515; DE 3870728 D1 19920611; IT 213739 Z2 19900122; IT 8735884 V0 19870701

DOCDB simple family (application)

**EP 88830272 A 19880627**; AT 88830272 T 19880627; DE 3870728 T 19880627; IT 3588487 U 19870701