

Title (en)

Machine for removing coatings from double bottom plates or the like.

Title (de)

Gerät zum Abtrennen von Deckbelägen an Doppelbodenplatten oder dergleichen.

Title (fr)

Appareil pour enlever le revêtement de plaques formant double plancher ou de pièces similaires.

Publication

EP 0416252 B1 19931208 (DE)

Application

EP 90113628 A 19900717

Priority

DE 3929192 A 19890902

Abstract (en)

[origin: EP0416252A1] To remove, in particular, worn coatings (12) from double bottom plates (10) quickly and automatically, preferably three removing devices (17) with motor-driven separating knives (18) are built into an apparatus (13) which has, underneath the removing devices (17), a slide (29) with mountings (31) for the double bottom plate (10) to be processed. The slide (29) can be reciprocated by motor transversely to the separating knives (18) of the removing devices (17) or parallel to the longitudinal axis of the apparatus (13). The removing devices (17) are mounted on a receiving plate (21) so as to be pivotable in each case about a horizontal axis (19). The receiving plates (21) are, for their part, mounted spring-loaded on a transversely extending, portal-like frame part (15), so as to be movable to a limited degree in the direction of the longitudinal axis of the apparatus (13). The slide (29) is reciprocated via a travelling nut (38) by means of a threaded spindle (39) which is mounted on the frame (14) of the apparatus (13) so as to be rotationally movable, but axially fixed and is driven alternately in both directions of rotation. <IMAGE>

IPC 1-7

B26D 3/28; E04G 23/00; A47L 13/08

IPC 8 full level

A47L 13/08 (2006.01); **B26D 3/28** (2006.01); **E04G 23/00** (2006.01)

CPC (source: EP US)

B26D 3/28 (2013.01 - EP US); **Y10S 156/929** (2013.01 - EP US); **Y10S 156/94** (2013.01 - EP US); **Y10T 83/0296** (2015.04 - EP US); **Y10T 156/1059** (2015.01 - EP US); **Y10T 156/1184** (2015.01 - EP US); **Y10T 156/1972** (2015.01 - EP US)

Cited by

CN112392285A; CN111379403A; CN112412082A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0416252 A1 19910313; **EP 0416252 B1 19931208**; AT E98148 T1 19931215; CA 2024427 A1 19910303; DE 3929192 A1 19910314; DE 3929192 C2 19920527; DE 59003774 D1 19940120; DK 0416252 T3 19940221; ES 2047771 T3 19940301; US 5091042 A 19920225

DOCDB simple family (application)

EP 90113628 A 19900717; AT 90113628 T 19900717; CA 2024427 A 19900831; DE 3929192 A 19890902; DE 59003774 T 19900717; DK 90113628 T 19900717; ES 90113628 T 19900717; US 57078890 A 19900822