

Title (en)

EDGE-BANDING MACHINE PROVIDED WITH A MILLING DEVICE AND OPERATION METHOD OF SAID EDGE-BANDING MACHINE

Title (de)

KANTENANLEIMMASCHINE MIT EINER FRÄSVORRICHTUNG UND BETRIEBSVERFAHREN DER KANTENANLEIMMASCHINE

Title (fr)

MACHINE DE PLAQUAGE DE CHANTS MUNIE D'UN DISPOSITIF DE FRAISAGE ET PROCÉDÉ DE FONCTIONNEMENT D'UNE TELLE MACHINE DE PLAQUAGE DE CHANTS

Publication

EP 3248745 B1 20220511 (EN)

Application

EP 17172843 A 20170524

Priority

IT UA20163744 A 20160524

Abstract (en)

[origin: EP3248745A1] Milling device (1) for edge-banding machine, which comprises: a milling head (3) provided with an operational zone (4) in which a cladding edge (B) of a panel (P) is susceptible to pass; a milling tool (5) mounted on the milling head (3) and comprising a rotation body (6), which is provided with a cutting profile (9) intended to act at the operational zone (4) for milling the cladding edge (B) of the panel (P). The cutting profile (9) of the rotation body (6) of the milling tool (5) is provided with a rounding section (12), curved in shape, and a straight end milling section (13). Moreover, the milling device (1) comprises handling means (14) adapted to move the milling tool (5) between a retracted position, in which the end milling section (13) of the cutting profile (9) of the rotation body (6) is arranged in the operational zone (4) to act on the cladding edge (B) of the panel (d) to linearly cut one end (E) of the cladding edge (B), and an advanced position, in which the rounding section (12) of the cutting profile (9) of the rotation body (6) is arranged in the operational zone (4) to act on the cladding edge (B) of the panel (P) to round the end (E) of the cladding edge (B) itself.

IPC 8 full level

B27D 5/00 (2006.01)

CPC (source: EP)

B27D 5/006 (2013.01)

Citation (examination)

- DE 10229775 C1 20030710 - GROTEFELD MASCHB & VERTRIEBS G [DE]
- EP 2886272 A1 20150624 - HOMAG HOLZBEARBEITUNGSSYSTEME [DE]
- US 4792266 A 19881220 - WILLIS LAWRENCE E [US]
- ES 2208081 A1 20040601 - G CT TECNOLOGICO ITALIANO S P [IT]
- DE 3732810 C1 19890413 - HORNBERGER MASCHBAU GMBH

Cited by

CN111391061A; CN108098962A; EP3584047A1

Designated contracting state (EPC)

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