

Title (en)

MILLING DEVICE FOR AN EDGE-BANDING MACHINE, EDGE-BANDING MACHINE PROVIDED WITH SAID MILLING DEVICE AND OPERATION METHOD OF SAID MILLING DEVICE

Title (de)

FRÄSVORRICHTUNG FÜR EINE KANTENANLEIMMASCHINE, KANTENANLEIMMASCHINE MIT DIESER FRÄSVORRICHTUNG UND BETRIEBSVERFAHREN DER BESAGTEN FRÄSVORRICHTUNG

Title (fr)

DISPOSITIF DE FRAISAGE POUR UNE MACHINE EDGE-BANDING, ENCOLLEUSE DE CHANTS MUNI DUDIT DISPOSITIF DE FRAISAGE ET PROCÉDÉ DE FONCTIONNEMENT D'UN TEL DISPOSITIF DE FRAISAGE

Publication

**EP 3248745 A1 20171129 (EN)**

Application

**EP 17172843 A 20170524**

Priority

IT UA20163744 A 20160524

Abstract (en)

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 (search report)

- [XYI] EP 1302287 A2 20030416 - BIESSE SPA [IT]
- [XI] DE 20308037 U1 20030807 - PAUL OTT GMBH LAMBACH [AT]
- [XY] DE 102013010359 A1 20131224 - BIESSE SPA [IT]
- [XI] EP 2011614 A1 20090107 - SCM GROUP SPA [IT]

Cited by

CN111391061A; CN108098962A; EP3584047A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3248745 A1 20171129; EP 3248745 B1 20220511**; IT UA20163744 A1 20171124

DOCDB simple family (application)

**EP 17172843 A 20170524**; IT UA20163744 A 20160524