

Title (en)

EDGEBANDING MACHINE PROVIDED WITH A REMOVING DEVICE FOR REMOVING MACHINING CHIPS

Title (de)

KANTENANLEIMMASCHINE MIT EINER ABRÄUMVORRICHTUNG ZUM ABRÄUMEN VON BEARBEITUNGSSPÄNEN

Title (fr)

MACHINE DE PLACAGE DE CHANT MUNIE D'UN DISPOSITIF DE RETRAIT POUR RETIRER DES COPEAUX D'USINAGE

Publication

EP 4245490 A1 20230920 (EN)

Application

EP 23162515 A 20230317

Priority

IT 202200005315 A 20220318

Abstract (en)

The present invention refers to an edgebanding machine (1) equipped with a removing device for removing machining waste (F). Said edgebanding machine (1) comprises a machining unit (R) for working a portion of said edging tape (N) or of a surface of said panel (P), so that one or more machining chips (F) are created, as well as a removing device (2) for removing said machining chips (F) by means of suction, which comprises: a casing (20) comprising a first wall (21) and a second wall (22), in which a first opening (20A) is arranged on said first wall (21) and a second opening (20B) is arranged on said second wall (22) and is to be connected in use to a suction device (6), one or more blades (24) to rotate around a reference axis (X), perpendicular or substantially perpendicular to said first wall, at least one cutting element (25) for cutting said machining chips (F), positioned on a blade (24), so that the rotation of said blades (24) causes the rotation of said cutting element (25). Said first opening (20A) has a center (A) spaced from said reference axis (X).

IPC 8 full level

B27D 5/00 (2006.01); **B23Q 11/00** (2006.01)

CPC (source: EP)

B27D 5/006 (2013.01)

Citation (search report)

- [IA] GB 735839 A 19550831 - KURT ZUCKERMANN, et al
- [A] EP 2186599 A1 20100519 - SCM GROUP SPA [IT]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4245490 A1 20230920; IT 202200005315 A1 20230918

DOCDB simple family (application)

EP 23162515 A 20230317; IT 202200005315 A 20220318