

Title (en)
MACHINE AND METHOD FOR MACHINING AN EDGE OF A WORKPIECE

Title (de)
VORRICHTUNG UND VERFAHREN ZUM BEARBEITEN EINES RANDES EINES WERKSTÜCKES

Title (fr)
PROCÉDÉ POUR USINER LE BORD D'UNE PIÈCE À USINER

Publication
EP 3552786 A1 20191016 (EN)

Application
EP 19166686 A 20190402

Priority
IT 201800004485 A 20180413

Abstract (en)
Described is a machine (1) for machining at least one edge (E) of a panel (P) positioned parallel to a plane (X-Y) identified by a first direction (X) and a second direction (Y), said machine (1) comprising: a cutting member (5) for cutting said at least one edge (E) of said panel (P); a detecting device (8) for detecting, in use, the shape of said panel (P) whilst said detecting device (8) rolls on said panel (P), wherein said detecting device (8) is idly rotatable about a rotation axis (Y1) parallel to said second direction (Y) and connected with said cutting member (5); a braking system (9) for braking the rotation of said detecting device (8), said braking system comprising a first friction element (10) and a second friction element (11) positioned, respectively, above and below a plane parallel to said plane (X-Y) and passing through said rotation axis (Y1) and configured for producing friction when touched by said detecting device (8); and a movement system for moving said detecting device (8) between at least one first position, where said detecting device (8) is in contact with said panel (P) while said cutting member (5) cuts said at least one edge (E), and at least one second position, where said detecting device (8) is in contact with said first friction element (10) or said second friction element (11), such that the rotation of said detecting device (8) decelerates due to friction between said detecting device (8) and said first friction element (10) or said second friction element (11) when said detecting device (8) moves from said at least one first position to said at least one second position.

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Citation (search report)
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• [A] EP 0583753 A1 19940223 - REICH MASCHF GMBH KARL [DE]
• [A] EP 2492072 A2 20120829 - HOMAG HOLZBEARBEITUNGSSYSTEME [DE]
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