

Title (en)

EDGE BANDING MACHINE FOR THE EDGE BANDING OF A LATERAL SURFACE OF A WORKPIECE AND RELATIVE EDGE BANDING METHOD

Title (de)

KANTENANLEIMMASCHINE ZUM KANTENANLEIMEN EINER SEITENFLÄCHE EINES WERKSTÜCKS UND VERFAHREN ZUM KANTENANLEIMEN

Title (fr)

MACHINE D'EMBOÎTURE POUR L'EMBOÎTURE D'UNE SURFACE LATÉRALE D'UNE PIÈCE ET PROCÉDÉ D'EMBOÎTURE RELATIF

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Application

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Priority

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Abstract (en)

The present invention relates to an edge banding machine (1) for the edge banding of at least one lateral surface or edge (B) of a workpiece (P), such as a panel made of wood, metal, glass, ceramic, fiberglass, plastic and the like with an edge banding tape, comprising a pressing unit (4), to press an edge banding tape on said edge (B) of said workpiece (P), at least one sensor (6), to detect the actual thickness value of said edge banding tape before its application by said pressing unit (4) and a logic control unit (8) connected to said at least one sensor (6) and comprising storing means to store one or more nominal thickness values of said edge banding tape, said edge banding machine (1) comprising at least one machining group (7), for machining said edge (B), placed before said pressing unit (4) and connected to said logic control unit (8), and in that said logic control unit (8) is configured to send a signal to said at least one machining group (7) to machine said edge (B) if said actual thickness value differs from said one or more nominal thickness values, in such a way to compensate for said thickness difference of said edge banding tape. The present invention also relates to an operation method of said the edge banding machine (1).

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- [X] DE 102015008891 B3 20160825 - IMA KLESSMANN GMBH HOLZBEARBEITUNGSSYSTEME [DE]
- [X] EP 2230626 A1 20100922 - DUSTMANN DULA WERK [DE]

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