

Title (en)
DEVICE FOR COATING AND METHOD THEREOF

Title (de)
VORRICHTUNG ZUR BESCHICHTUNG UND DAZUGEHÖRIGES VERFAHREN

Title (fr)
DISPOSITIF DE REVÊTEMENT ET SON PROCÉDÉ

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Application
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Abstract (en)
The present invention concerns a machine (1) for the treatment, such as painting, of workpieces (P), such as panels (P), made of wood, plastic, fiberglass, glass, metal and the like, comprising means for the treatment (23, 24) of at least one of said workpieces (P) to be treated, and a dragging system (5), for dragging a paper band (6), wherein the dragging system (5) comprises a winding roller (51) and a winding/unwinding roller (52), wherein said machine (1) is characterized in that the winding roller (51) wind the dirty paper (62), which has been dirtied by the treatment of at least one workpiece (P) by means of said treatment means (23, 24), in that said winding/unwinding roller (52) wind or unwind the clean paper (61), wherein the clean paper (61) is intended to support at least one workpiece (P) to be treated by means of said treatment means (23, 24) and to absorb or collect the waste of the treatment of said treatment means (23, 24), becoming dirty paper (62), and in that said machine (1) includes return movable means (54), movable from a rest position to an operating position, wherein said return movable means (54) pass from said rest position to said operating position to change the path of the paper (6) unwound or wound by said winding/unwinding roller (52) for a section sufficient to support said at least one workpiece (P) without unwinding the dirty paper (62), and wherein said return movable means (54) pass from said operating position to said rest position to provide clean paper (61) to support said at least one workpiece (P), which is wound by said winding/unwinding roller (52), without unwinding said dirty paper (62). The present invention also concerns a method of treating at least one piece (P), a computer program and a storage medium.

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Citation (search report)
• [A] US 4836137 A 19890606 - HEINE WERNER [DE], et al
• [A] JP S6128475 A 19860208 - TOKICO LTD
• [A] EP 3120935 A2 20170125 - TIANHE (BAOTOU) ADVANCED TECH MAGNET CO LTD [CN]
• [A] EP 0858841 A2 19980819 - SEILER DANIEL [CH]
• [A] EP 2039436 A1 20090325 - EISENMANN ANLAGENBAU GMBH & CO [DE]

Cited by
WO2022095124A1

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