

Title (en)
PROCESS AND DEVICE FOR EDGEBANDING

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BESCHICHTEN VON WERKSTÜCKEN

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR REVÊTIR DE PLAQUES DECORATIVES

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Application
EP 13741699 A 20130716

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Abstract (en)
[origin: WO2014019847A1] The invention relates to a method for coating workpieces (2), which preferably consist at least sectionally of wood, wood-based materials, plastics material or the like, with a coating material (4), wherein the method has the steps of: providing a functional layer (4') which can be rendered adhesive by energy input, supplying a coating material (4) to a workpiece (2) to be coated, at least partially activating the functional layer (4') by treating the functional layer (4') with a heated gas (6), wherein the heated gas (6) is emitted onto the functional layer (4') via at least one outlet opening (20) and is at a positive pressure, preferably of at least 1.5 bar, particularly preferably at least 3 bar, in the region of the at least one outlet opening (20), and joining the coating material (4) to the workpiece (2) by means of the activated functional layer (4').

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Citation (examination)
• DE 102012103508 A1 20130725 - KLUGE HOLGER [DE]
• EP 2782725 A1 20141001 - KLUGE HOLGER [DE]
• DE 1621814 A1 19730517 - BRANDT HEINRICH MASCH
• US 4944829 A 19900731 - TUTTLE KENNETH A [US], et al
• EP 2433769 A1 20120328 - HOMAG HOLZBEARBEITUNGSSYSTEME [DE]
• WO 2012130224 A1 20121004 - SCHULTE-GOEBEL CHRISTOF [DE]
• EP 2694272 A1 20140212 - SCHULTE-GOEBEL CHRISTOF [DE]

Cited by
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