

Title (en)

Device and method for moving paper sheets impregnated and/or coated with polymeric resin, in particular for floor panelling or surfacing of furniture, walls, etc.

Title (de)

Vorrichtung und Verfahren zum Bewegen von Papierbögen, die mit einem polymeren Harz imprägniert und/oder beschichtet sind, insbesondere für Bodentäfelung und Beschichtung von Möbeln, Wänden usw.

Title (fr)

Dispositif et procédé pour déplacer des feuilles de papier imprégnées et/ou recouvertes de résine polymérique, en particulier pour le revêtement de sol ou le recouvrement de meubles, murs, etc.

Publication

EP 2090534 A3 20111221 (EN)

Application

EP 09152873 A 20090213

Priority

IT MI20080242 A 20080215

Abstract (en)

[origin: EP2090534A2] A device (1) for moving paper sheets impregnated and/or coated with polymeric resin, in particular for floor panelling or surfacing of furniture, walls, etc., comprises a system (3) for feeding a series of sheets (2) in sequence, a main motor (4) which drives the feed system, a brake (5) to slow the speed of the sheets, and a rotating pusher member (6) cyclically cooperating with each of the sheets (2) to push the sheets against the brake; the pusher member (6) is driven by an auxiliary motor (24), independent of the main motor (4); a control unit (27) controls the operation of the auxiliary motor (24) and thus in particular the speed of rotation of the pusher member (6) on the basis of the instantaneous position and speed of each sheet detected by a position sensor (25) and by a speed sensor (26) both arranged upstream of the pusher member (6).

IPC 8 full level

B65H 29/68 (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] EP 0544910 A1 19930609 - RELIANCE ELECTRIC LTD [JP], et al
- [X] JP S61136858 A 19860624 - SUMITOMO HEAVY INDUSTRIES
- [X] EP 0150655 A1 19850807 - BELOIT CORP [US]
- [A] US 4247094 A 19810127 - VITS HILMAR
- [A] EP 0270793 A1 19880615 - BABCOCK BSH AG [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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