

Title (en)

Method and device for applying a pattern via a print roller on plate-shaped workpieces

Title (de)

Verfahren und Vorrichtung zum Aufbringen eines Dekors mittels einer Druckwalze auf plattenförmige Werkstücke

Title (fr)

Procédé et appareil destinés à l'application d'un décor à l'aide d'un rouleau imprimeur sur des pièces usinées en forme de plaques

Publication

EP 1810843 A3 20101110 (DE)

Application

EP 07101046 A 20070123

Priority

DE 102006003301 A 20060123

Abstract (en)

[origin: EP1810843A2] The method involves providing a pattern-providing structure (2) with radial discontinuities (9, 9', 9'') and two axial discontinuities (10) on a print roller. A front edge of a plate-like workpiece is brought in contact with different intake positions on a circumference of the print roller or an application roller. The intake positions are selected with minimum distance before the radial discontinuities of the print roller or the radial discontinuities transmitted to the application roller. The distance is selected equal to or larger than a distance between the axial discontinuities. Independent claims are also included for the following: (1) a device for applying a pattern on a plate-shaped workpiece (2) a system with a panel for manufacturing floor covering, wall covering and/or ceiling covering.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [I] WO 2004067874 A2 20040812 - FAUS GROUP [ES], et al
- [YD] DE 202004018194 U1 20050127 - SCHULTE JOHANNES [DE]
- [YA] DE 10333626 A1 20050217 - BUERKLE GMBH ROBERT [DE]
- [YA] US 5744220 A 19980428 - RINGOE PETER [SE]
- [E] EP 1908608 A1 20080409 - SPANOLUX N V DIV BALTERIO [BE]
- [E] EP 1862304 A2 20071205 - SCHULTE GUIDO [DE]
- [E] WO 2007039306 A1 20070412 - KAINDL FLOORING GMBH [AT], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DE 102006003301 B4 20071122; ES 2408705 T3 20130621; PL 1810843 T3 20130930

DOCDB simple family (application)

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