

Title (en)

Method of and apparatus for manufacturing a panel and produced panel

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Paneels und dadurch hergestelltes Panel

Title (fr)

Procédé et appareil pour produire un panneau et panneau ainsi produit

Publication

**EP 1908608 A1 20080409 (EN)**

Application

**EP 06121829 A 20061005**

Priority

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Abstract (en)

The invention provides a method of manufacturing a large surface panel (1), which has a decoration layer with a repetitive decoration layer pattern (5), and a repetitive surface structure pattern (4), wherein the frequencies of the repetitive patterns of the surface structure and the decoration layer are different. The invention also provides a set of individual panels (3). The individual panels (3) are cut out from the large surface panel (1) and can be collected and wrapped into a package. The package comprises at least a plurality of individual panels (3) having identical decoration layer patterns (5), but different surface structure patterns (4). The invention provides large surface panels and individual panels (3) which present a very good imitation of panels made of a natural material.

IPC 8 full level

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Citation (search report)

- [XA] EP 1541373 A2 20050615 - PERGO EUROP AB [SE]
- [XA] US 2003207083 A1 20031106 - HANSSON KRISTER [SE], et al
- [XA] GB 2345469 A 20000712 - AUTO PLAS INTERNATIONAL LIMITE [GB]
- [XA] WO 9731776 A1 19970904 - PERSTORP AB [SE], et al
- [A] GB 2291007 A 19960117 - DAINIPPON PRINTING CO LTD [JP]
- [A] WO 0196689 A1 20011220 - UNILIN BEHEER BV [NL]

Cited by

DE102014211769A1; EP1810843A3; BE1018156A3; EP2123476A3; BE1018337A3; EP3075565A1; EP2127901A3; WO2009087440A2; WO2010055429A3; US8051886B2; US9114603B2

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