

Title (en)

MANUFACTURE OF DECORATIVE AND INDUSTRIAL LAMINATES

Title (de)

HERSTELLUNG VON ZIER- UND TECHNISCHEN LAMINATEN

Title (fr)

FABRICATION DE STRATIFIES DECORATIFS ET INDUSTRIELS

Publication

EP 1973736 A4 20100127 (EN)

Application

EP 07701376 A 20070116

Priority

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Abstract (en)

[origin: WO2007079547A1] A method of, and apparatus for, manufacturing a decorative or industrial laminate in which one or more resin-impregnated papers (8a,8b) and a substrate (5) are combined in a press zone (26) in which heat and pressure are applied, whereby to form the laminate (10). In different aspects, the one or more resin-impregnated papers, the substrate and/or the laminate are pre- and/or post-treated (30,40,50,60) by being heated, preferably utilising near infra-red (NIR) irradiators (34,35,36).

IPC 8 full level

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Citation (search report)

- [XY] US 4687685 A 19870818 - MELCHER GERHARD [AT]
- [XY] US 4278733 A 19810714 - BENZINGER JAMES R
- [Y] WO 2004106027 A1 20041209 - DSM IP ASSETS BV [NL], et al
- [A] WO 9841805 A1 19980924 - VITS MASCHINENBAU GMBH [DE], et al
- See references of WO 2007079547A1

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