

Title (en)
Decorative coating of a plate of wooden material

Title (de)
Dekoratives Veredeln einer Holzwerkstoffplatte

Title (fr)
Ennoblement décoratif d'une plaque de matériel de bois

Publication
EP 1454763 B1 20090805 (DE)

Application
EP 03020230 A 20030906

Priority
DE 10310199 A 20030306

Abstract (en)
[origin: EP1454763A2] A method for finishing wood-based panels, especially MDF or HDF panels, involves sealing with melamine resin and printing a pattern directly onto the sealing layer before adding a protective layer of melamine resin and hot-pressing as usual. A method for finishing sheets of wood or timber products, especially MDF or HDF sheet, involves (a) coating the top of the sheet with a sealing layer (A) of melamine resin, (b) printing a pattern onto the sealing layer, (c) coating the pattern with a protective layer (B) of melamine resin and (d) pressing the sheet at elevated temperature until layers (A) and (B) melt and bond together with the printed pattern between them. An independent claim is also included for timber sheeting, especially HDF or MDF flooring panels with a wood or tile pattern, in which the base panel is coated with a sealing layer which is then printed with a pattern and provided with protective anti-wear coating(s).

IPC 8 full level
B44C 5/04 (2006.01); **B05D 7/06** (2006.01); **B27N 3/04** (2006.01); **B27N 7/00** (2006.01); **B44B 5/00** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP)
B27N 7/005 (2013.01); **B44C 1/24** (2013.01); **B44C 5/043** (2013.01); **E04F 15/02** (2013.01); **E04F 15/02033** (2013.01); **E04F 15/181** (2013.01); **E04F 2290/043** (2013.01)

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