

Title (en)

Method for manufacturing wooden elements having a grain imitating the natural wood grain

Title (de)

Verfahren zur Herstellung von Holzelementen mit einer eine Naturholzmaserung nachbildenden Maserung

Title (fr)

Procédé de production d'éléments en bois avec une structure veinée rassemblant à celle du bois naturel

Publication

EP 1616680 A1 20060118 (DE)

Application

EP 05450100 A 20050607

Priority

AT 11942004 A 20040714

Abstract (en)

Several thin rectangular layers of veneer (1) are sandwiched and then stuck together under pressure between top (2) and bottom (3) dies of a press to form curved die-cast parts (4), which are laid on one another and pressed together in such a way as to separate the wooden parts in layers. The die-cast parts are curved in both lengthwise and cross-wise directions of the veneer layers, so that these layers form a three-dimensional, waved upper surface and the wooden parts, to achieve a grained finish, are separated from the die-cast part.

IPC 8 full level

B27D 1/08 (2006.01); **B27L 5/00** (2006.01); **B27M 3/04** (2006.01); **B32B 21/13** (2006.01); **B44C 5/04** (2006.01)

CPC (source: EP)

B27D 1/08 (2013.01); **B27L 5/00** (2013.01); **B27M 3/04** (2013.01); **B44C 5/043** (2013.01); **B44F 9/02** (2013.01)

Citation (search report)

- [X] GB 1311707 A 19730328 - ALPI V AGARNI M, et al
- [XD] GB 1391077 A 19750416 - AARONSON BROS LTD
- [AD] US 3418195 A 19681224 - MORRIS ALLAN
- [AD] US 4388133 A 19830614 - HIRAO SHOZO [JP], et al
- [AD] US 4465539 A 19840814 - SAIHARA YASUHIRO [JP], et al
- [A] FR 1003589 A 19520319
- [A] JP S5996910 A 19840604 - DANTANI PLYWOOD CO
- [X] WO 9821026 A1 19980522 - WITT ALVIN E [US]
- [AD] CH 423196 A 19661031 - AARONSON BROS LTD [GB]
- [AD] DE 3148577 A1 19830623 - MATSUSHITA ELECTRIC WORKS LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 016 (M - 554) 16 January 1987 (1987-01-16)

Cited by

EP2832558A1; CN104139426A; DE102017113764B3; US10000041B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1616680 A1 20060118; **EP 1616680 B1 20080305**; AT 413680 B 20060515; AT A11942004 A 20050915; AT E388000 T1 20080315; DE 502005003052 D1 20080417

DOCDB simple family (application)

EP 05450100 A 20050607; AT 05450100 T 20050607; AT 11942004 A 20040714; DE 502005003052 T 20050607