

Title (en)

Panel, in particular flooring panel

Title (de)

Paneel, insbesondere Fussbodenpaneel

Title (fr)

Panneau, notamment panneau de plancher

Publication

EP 1559850 A3 20070718 (DE)

Application

EP 05000992 A 20050119

Priority

DE 202004001037 U 20040124

Abstract (en)

[origin: EP1559850A2] A flooring panel (10) has interlocking edge profiles (2, 3) to secure the panels in both horizontal and vertical settings. The upper surface of the panels is provided with a decorative pattern and the edges are chamfered (20) to provide V-grooves between the panels. The chamfers and the interlocking profiles are protected by a melamine layer applied as impregnated paper or by direct coating, and heat cured. The chamfers are coloured to match or compliment the panel pattern. The design can be applied to flooring panels made of all types of materials.

IPC 8 full level

E04F 15/04 (2006.01); **B44C 5/04** (2006.01); **B44F 9/02** (2006.01); **E04F 13/10** (2006.01); **E04F 15/02** (2006.01); **E04F 15/10** (2006.01)

CPC (source: EP US)

B44C 5/043 (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 15/02033** (2013.01 - EP US); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US)

Citation (search report)

- [X] DE 20315676 U1 20031211 - KRONOTEC AG [CH]
- [Y] DE 20108951 U1 20010802 - ANDY OSMANN HOLZPRODUKTE GMBH [DE]
- [Y] DE 20317527 U1 20040122 - FLOORING IND LTD [IE]
- [A] DE 19929635 A1 20000203 - EBA PANEELWERK GMBH [DE]
- [DA] WO 0196688 A1 20011220 - UNILIN BEHEER BV [NL], et al

Cited by

CN103821317A; CN101787782A; WO2007113676A3

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

US 2005235593 A1 20051027; AT E462054 T1 20100415; DE 202004001037 U1 20040429; DE 502005009261 D1 20100506; EP 1559850 A2 20050803; EP 1559850 A3 20070718; EP 1559850 B1 20100324; PL 1559850 T3 20100930

DOCDB simple family (application)

US 3847205 A 20050121; AT 05000992 T 20050119; DE 202004001037 U 20040124; DE 502005009261 T 20050119; EP 05000992 A 20050119; PL 05000992 T 20050119