

Title (en)
PANEL AND PANEL FASTENING SYSTEM

Title (de)
PANEEL SOWIE BEFESTIGUNGSSYSTEM FÜR PANELEE

Title (fr)
PANNEAU ET DISPOSITIF DE FIXATION POUR PANNEAUX

Publication
EP 1190149 A1 20020327 (DE)

Application
EP 99957874 A 19991009

Priority
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• DE 29911462 U 19990702

Abstract (en)
[origin: EP1243721A2] The mating holding profiles (4a,4b) hook together via elements (4c,4d) whose holding faces (5h) close the panels (4,6) together to give gap-free flooring. The hook element of the leading holding profile of one panel forms a crosspiece (4e) projecting at right angles from the narrow element side so as to lie on the top surface of the panel and a hook projecting from the free end of the crosspiece towards the underside of the panel as against the trailing holding profile of a panel which has a hook to reach out from the narrow side and form a crosspiece bearing on the underside of the panel. A hook projection from the free end of the crosspiece points towards the top side of the panel. Joined panels form a glue pocket between (12).

IPC 1-7
E04F 15/04

IPC 8 full level
B27F 1/04 (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP US)
B27F 1/04 (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0138** (2013.01 - EP US); **E04F 2201/0146** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US); **E04F 2201/023** (2013.01 - EP US); **E04F 2201/025** (2013.01 - EP US); **E04F 2201/07** (2013.01 - EP US); **Y10T 403/65** (2015.01 - EP US); **Y10T 403/655** (2015.01 - EP US)

Citation (search report)
See references of WO 0102670A1

Citation (third parties)
Third party :
• WO 0063510 A1 20001026 - PATT S R L [IT], et al
• EP 0085196 A1 19830810 - JANSSEN & FRITSEN BV [NL]
• FR 2278876 A1 19760213 - CHOPPE ROGER [FR]
• DE 4122099 C1 19921001

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CN111734074A; US9206611B2; US10947741B2; US11441319B2; WO2016030627A1; EP3450651A1; DE202015009717U1; US10640990B2; US10738480B2; US10738481B2; US10738482B2

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