

Title (en)
Panel, in particular for wood floors

Title (de)
Paneel, insbesondere für Bodenbeläge aus Holz

Title (fr)
Panneau, en particulier pour parquets

Publication
EP 1516977 A1 20050323 (EN)

Application
EP 03425604 A 20030917

Priority
EP 03425604 A 20030917

Abstract (en)
A panel (1) for a panel joining system, wherein the panel (1) comprises a male part on at least one side and a female part on at least one other side. The male part comprises a protrusion with a thickness smaller than the thickness of the panel (1). The male protrusion has a cut (20) so as to define two tongues (21,22), flexible in a transverse direction, wherein at least one tongue (21,22) has a tooth at one end. The female part comprises a groove (30) formed in the thickness of the respective side of the panel. The groove is able to receive the protruding male part of another panel and has an entry narrowing adapted to be passed over by the tooth of the protruding male part. <IMAGE>

IPC 1-7
E04F 15/04

IPC 8 full level
E04F 15/04 (2006.01)

CPC (source: EP)
E04F 15/04 (2013.01); **E04F 2201/0115** (2013.01); **E04F 2201/041** (2013.01)

Citation (search report)
• [X] EP 1203854 A2 20020508 - BOXLER GMBH & CO KG [DE]
• [X] DE 29822341 U1 20000302 - SCHROEDER HANS J [DE]
• [X] EP 1128000 A2 20010829 - KRONOTEC AG [CH]
• [X] WO 9401628 A2 19940120 - NIKKEN SEATTLE INC [US]
• [X] DE 20203977 U1 20020606 - SCHULTE JOHANNES [DE]

Citation (examination)
• WO 2004001156 A1 20031231 - BOXLER GMBH & CO KG [DE], et al
• JP H08109734 A 19960430 - NAT HOUSE IND

Cited by
CN113323312A; JP2015517933A; JP2017114128A; EP1980683A3; US9644653B2; US12000418B2; EP1980683A2; EP2373194B1; EP2575542B1

Designated contracting state (EPC)
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