

Title (en)
PANEL, ESPECIALLY FLOOR PANEL

Title (de)
PANEEL, INSBESONDERE BODENPANEEL

Title (fr)
PANNEAU, NOTAMMENT PANNEAU DE SOL

Publication
EP 2057327 A1 20090513 (DE)

Application
EP 08801907 A 20080908

Priority
• EP 2008007328 W 20080908
• DE 102007042840 A 20070910

Abstract (en)
[origin: CA2766017A1] A panel having a wood material or wood material/plastic mixture core is formed by forming corresponding profiles on opposite lying first and second side edges. Two panels can be joined and locked through a vertical joining movement in a horizontal and vertical direction. A hook connection is formed with upper and lower locking sections each having hook elements which horizontally effects the locking. A spring element horizontally movable which vertically effects the locking is formed. During joining, the spring element snaps in behind a locking edge extending horizontally. The spring element is embodied from the core in one piece on the lower locking section, and is free in the direction of the first side edge by a vertical slot and connected to the core in the direction of the second side edge. The panel is moved at a constant speed when the vertical slot is formed.

IPC 8 full level
E04F 15/02 (2006.01)

CPC (source: EP KR US)
E04F 15/02 (2013.01 - EP KR US); **E04G 23/006** (2013.01 - EP US); **E04F 15/04** (2013.01 - EP US); **E04F 2201/0146** (2013.01 - EP US); **E04F 2201/041** (2013.01 - EP US); **Y10T 428/167** (2015.01 - EP US)

Citation (search report)
See references of WO 2009033623A1

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Designated extension state (EPC)
AL BA MK RS

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