

Title (en)  
Method for manufacturing panels

Title (de)  
Verfahren zur Herstellung von Paneelen

Title (fr)  
Procédé de fabrication de panneaux

Publication  
**EP 1754581 B1 20071219 (DE)**

Application  
**EP 05022574 A 20051017**

Priority  
DE 102005038975 A 20050816

Abstract (en)  
[origin: US2010170189A1] The invention relates to a method for production of panels for floor, wall or ceiling coverings, with the panels being cut from a large starting sheet and provided on their long sides (11, 12) with locking strips (15, 16). The starting sheet is hereby provided with parallel grooves (4, 5) along the topside and underside thereof, with the upper groove (4) and the lower groove (5) extending in the sheet plane (PE) at an offset in relation to one another at a distance (a), thereby forming a breaking web (6). The starting sheet (1) is then divided along the breaking web (6) such that projecting longitudinal strips remain along the long sides (11, 12) and are used for shaping the locking strips (15, 16).

IPC 8 full level  
**B27M 3/04** (2006.01); **B27F 1/02** (2006.01)

CPC (source: EP US)  
**B27F 1/02** (2013.01 - EP US); **B27M 3/04** (2013.01 - EP US); **E04F 15/02038** (2013.01 - EP US); **E04F 2201/0115** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US); **Y10T 29/49629** (2015.01 - US)

Cited by  
DE102011081075A1; EP2169142A4; AU2008258332B2; WO2010048749A1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2010170189 A1 20100708; US 8726511 B2 20140520**; AT E381418 T1 20080115; DE 102005038975 B3 20061214; DE 502005002302 D1 20080131; EP 1754581 A1 20070221; EP 1754581 B1 20071219; ES 2297589 T3 20080501; PL 1754581 T3 20080530

DOCDB simple family (application)  
**US 6370806 A 20060801**; AT 05022574 T 20051017; DE 102005038975 A 20050816; DE 502005002302 T 20051017; EP 05022574 A 20051017; ES 05022574 T 20051017; PL 05022574 T 20051017