

Title (en)
WOODEN FLOOR

Title (de)
HOLZBODEN

Title (fr)
PLANCHER DE BOIS

Publication
EP 2024585 A1 20090218 (DE)

Application
EP 07718461 A 20070524

Priority
• AT 2007000250 W 20070524
• AT 9152006 A 20060526

Abstract (en)
[origin: WO2007137316A1] The invention relates to a wooden floor (1), especially for exterior zones such as terraces or similar, comprising at least two spaced-apart floor boards (2) or panels, between which an air gap (3) is formed. The facing lateral surfaces (2a, 2b) of two adjacent floor boards (2) or panels are each provided with a groove (4a, 4b). The two grooves (4a, 4b) form a space (3) which tapers towards the surface (8) of the wooden floor (1) and has a dovetailed cross-section while an elongate, flexible sealing element (6) is inserted into said space (3). In order to keep the assembly effort as low as possible, the groove (4a, 4b) has a first curved section (7a) in the transition to the surface (8) of the wooden floor, the radius of curvature of said first curved section (7a) preferably being greater than 2 mm, the groove (4a, 4b) has a second curved section (7b) in the area where the space (3) is widest, the radius of curvature of said second curved section (7b) preferably being greater than 2 mm, and a flank (7e) which drops towards the lateral surface (2a, 2b) at a minimum angle (a) of 3°, preferably about 5°, relative to the surface (8) of the wooden floor (1) adjoins the second curved section (7b).

IPC 8 full level
E04F 15/02 (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP)
E04F 15/02016 (2013.01); **E04F 15/02183** (2013.01); **E04F 15/04** (2013.01); **E04F 2015/02094** (2013.01); **E04F 2201/0523** (2013.01)

Citation (search report)
See references of WO 2007137316A1

Cited by
CN110878622A

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007137316 A1 20071206; AT 504277 A1 20080415; AT 504277 B1 20090615; EP 2024585 A1 20090218; EP 2024585 B1 20130123

DOCDB simple family (application)
AT 2007000250 W 20070524; AT 9152006 A 20060526; EP 07718461 A 20070524