

Title (en)  
TONGUE AND GROOVE FLOOR PANEL

Title (de)  
FUSSBODENPANEEL MIT NUT UND FEDER

Title (fr)  
PANNEAU DE PLANCHER AVEC RAINURE ET LANGUETTE

Publication  
**EP 2094919 A1 20090902 (DE)**

Application  
**EP 06818832 A 20061127**

Priority  
EP 2006011331 W 20061127

Abstract (en)  
[origin: WO2008064692A1] The invention relates to a floor panel in the form of a rectangular board having a usable surface and a base surface positioned opposite of the usable surface, the board being equipped with connecting elements at least on two edge sides that are positioned opposite of each other, wherein the connecting elements are configured in the shape of a first groove on one side, and in the shape of a first tongue on the opposite side, for joining two adjacent floor panels along a separating surface, wherein the groove and the tongue are provided with additional mechanical locking means, namely in the shape of a protrusion of the tongue that is directed toward the base surface, and a raised lip, which is configured as a rail of the groove, and the abutment surface of which, pointing toward the interior of the groove, is part of a recess formed within the groove, and having a second tongue extending on the edge side comprising the first groove along this groove, and having a second groove extending on the edge side comprising the first tongue above this tongue.

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

CPC (source: EP)  
**E04F 15/02** (2013.01); **E04F 15/04** (2013.01); **E04F 2201/0153** (2013.01); **E04F 2201/025** (2013.01)

Citation (search report)  
See references of WO 2008064692A1

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)  
**WO 2008064692 A1 20080605**; EP 2094919 A1 20090902

DOCDB simple family (application)  
**EP 2006011331 W 20061127**; EP 06818832 A 20061127