

Title (en)  
INTERLOCKING MEMBERS

Title (de)  
VERRIEGELUNGSGLIEDER

Title (fr)  
ÉLÉMENTS D'EMBOÎTEMENT

Publication  
**EP 1913214 A1 20080423 (EN)**

Application  
**EP 06774785 A 20060728**

Priority  
• AU 2006001063 W 20060728  
• AU 2005904035 A 20050728  
• AU 2006100114 A 20060215  
• AU 2006900424 A 20060130

Abstract (en)  
[origin: WO2007012137A1] A member such as a board (10) configured to interlock with similar such boards, typically for use as flooring. The board (10) comprises an elongate body (11) having first and second opposed faces (13, 15) and two longitudinal sides (17, 19). A first locking portion (12) is provided at one longitudinal side (17) and a second locking portion (22) is provided at the other longitudinal side (19). The first locking portion (21) comprises a tongue (23) presenting a convex face (33), and the second locking portion (22) comprises a groove (41) for receiving the tongue (23) of a similar board disposed adjacent thereto. The groove (41) has a face incorporating a concave portion (49) for receiving the convex face (33) of the tongue (23), whereby interaction between the convex and concave portions (33, 49) serves to draw the tongue (23) of one board into the groove (41) of another board upon relative angular movement between the two boards towards a position whereby they are in side-by-side relation. The first locking portion (21) further comprises a first interlocking element configured as a further groove (38) disposed between the tongue (23) and the second face (15) of the body (11). Additionally, the second locking portion (22) further comprises a second interlocking element configured as a rib (61) disposed between the groove (41) and the second face (15) of the body (11). The rib (61) and groove (38) of adjacent boards are adapted to interlock when the two boards are in side-by-side relation.

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

CPC (source: EP US)  
**E04F 13/08** (2013.01 - EP US); **E04F 15/02** (2013.01 - EP US); **E04F 2201/0153** (2013.01 - EP US); **E04F 2201/07** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007012137A1

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 2007012137 A1 20070201**; CA 2616611 A1 20070201; EP 1913214 A1 20080423; US 2008216435 A1 20080911

DOCDB simple family (application)  
**AU 2006001063 W 20060728**; CA 2616611 A 20060728; EP 06774785 A 20060728; US 99710106 A 20060728