

Title (en)  
EXPANDING CORNER JOINT USED FOR FASTENING TWO PROFILES

Title (de)  
ERWEITERUNG EINER ZUR BEFESTIGUNG VON ZWEI PROFILEN VERWENDETEN ECKVERBINDUNG

Title (fr)  
JOINT D'ANGLE D'EXPANSION UTILISÉ POUR FIXER DEUX PROFILÉS

Publication  
**EP 3354838 A1 20180801 (EN)**

Application  
**EP 18154280 A 20180130**

Priority  
• IT 201700010568 A 20170131  
• IT 201700010571 A 20170131

Abstract (en)  
A corner joint (1) for fastening two profiles comprises: two wings (3), each of them comprising an upper element (E1) and a lower element (E2), and adjustment means (5) to adjust the distance between the upper elements (E1) and the lower elements (E2) of the two wings (3); the adjustment means (5) comprise: a threaded hole (51) obtained on the upper element (E1) of at least one of the two wings (3); a housing (52) obtained on the lower element (E2) of at least one of the two wings (3) and aligned with the threaded hole (51); a nut (53) screwed into said threaded hole (51) and comprising a tip (54) disposed in the housing (52); the thread of the nut (53) is engaged, in correspondence of the tip (54), in a removable thread (55a) obtained on the lateral wall (55) of the housing (52).

IPC 8 full level  
**E06B 3/968** (2006.01); **F16B 7/04** (2006.01); **F16B 11/00** (2006.01); **E06B 3/972** (2006.01)

CPC (source: EP)  
**E06B 3/9682** (2013.01); **E06B 3/9688** (2013.01)

Citation (search report)  
• [A] US 2006059843 A1 20060323 - LEONTARIDIS ATHANASIOS [GR]  
• [A] US 3388936 A 19680618 - GEBHARD PAUL C

Cited by  
IT201900024865A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3354838 A1 20180801**; **EP 3354838 B1 20190807**; ES 2767690 T3 20200618; PL 3354838 T3 20200228; PT 3354838 T 20191106

DOCDB simple family (application)  
**EP 18154280 A 20180130**; ES 18154280 T 20180130; PL 18154280 T 20180130; PT 18154280 T 20180130