

Title (en)
FIXING SQUARE FOR FRAMES COMPRISING PROFILES INSERTED IN THE SQUARE CHANNEL

Title (de)
BEFESTIGUNGSWINKEL FÜR RAHMEN MIT PROFILLEN

Title (fr)
EQUERRE DE FIXATION POUR CADRES CONSTITUÉS DE PROFILÉS

Publication
EP 3121363 B1 20171220 (EN)

Application
EP 16178732 A 20160708

Priority
• IT UB20152341 A 20150721
• IT UB20152350 A 20150721

Abstract (en)
[origin: EP3121363A1] A frame (100) comprises: a first profile (P1) with a "T"-shaped longitudinal groove (S1) comprising a longitudinal opening (1 a), a second profile (P2) with a first "T"-shaped longitudinal groove (S2) comprising a longitudinal opening (2a); a fixing square (3; 300) comprising a first wing (31) and a second wing (32) that are inclined and respectively disposed inside the "T"-shaped groove (S1) of the first profile (P1) and inside the first "T"-shaped groove (S2) of the second profile (P2); at least a wing (31,32) of the fixing square (3; 300) having a lower width (L31, L32) than the width (L1 a, L2a) of the longitudinal opening (1 a,2a) of the "T"-shaped groove (S1,S2) wherein it is inserted; said at least one wing (31,32) of the fixing square (3; 300) comprising an eccentric locking means (M) configured in such manner to permit the increase of the total width of the wing (31, 32).

IPC 8 full level
E06B 3/964 (2006.01); **E06B 3/972** (2006.01); **E06B 3/988** (2006.01)

CPC (source: EP)
E06B 3/9642 (2013.01); **E06B 3/972** (2013.01); **E06B 3/988** (2013.01)

Cited by
EP3663500A1; CN107859458A; BE1027051B1; DE102018221155A1; WO2020165762A1

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 3121363 A1 20170125; EP 3121363 B1 20171220; ES 2663547 T3 20180413; IT 201600072842 A1 20180112; PT 3121363 T 20180327

DOCDB simple family (application)
EP 16178732 A 20160708; ES 16178732 T 20160708; IT 201600072842 A 20160712; PT 16178732 T 20160708