

Title (en)
Corner joint

Title (de)
Eckverbinder

Title (fr)
Joint d'angle

Publication
EP 1914375 B1 20100707 (EN)

Application
EP 07118306 A 20071011

Priority
IT PD20060381 A 20061012

Abstract (en)
[origin: EP1914375A1] Aligning bracket for joining and moving together a first section (I) and a second section (II) of a window- or door-frame each provided with a longitudinal seat (S). The bracket (1) comprises an angle piece (2) having two arms (3a,3b), each of which is intended to be inserted inside a longitudinal seat (S) of the two sections (I,II) and four locking pieces mounted in seats (5) provided in pairs on each arm (3a,3b). The locking pieces (4) are operationally forced to move between a release position (A), where they do not intercept the corresponding section (I,II) leaving the arms (3a,3b) free to slide inside the associated longitudinal seat (S), and a locking position (B), where they act on the sections (I,II), forcing them to be joined together. Each locking piece (4) performs a rotary/translatory movement between the two positions, i.e. release position (A) and locking position (B).

IPC 8 full level
E06B 3/964 (2006.01)

CPC (source: EP US)
A47G 1/101 (2019.07 - US); **A47G 1/102** (2019.07 - EP US); **E06B 1/38** (2013.01 - EP); **E06B 3/968** (2013.01 - EP US);
E06B 3/9688 (2013.01 - EP)

Cited by
ITMI20081456A1; ITRN20120032A1; IT202000017839A1; CN117798865A; CN102936990A; CN111270958A; US2022275679A1;
US11952834B2; EP3783182A1; EP3783181A1; EP4112863A1; DE102021116600A1; EP4112862A1; DE102021116601A1

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