

Title (en)

Device for fixing a component in a building opening

Title (de)

Vorrichtung zum Fixieren eines Baukörpers in einer Gebäudeöffnung

Title (fr)

Dispositif de fixation d'un corps de construction dans une ouverture de bâtiment

Publication

**EP 2309089 A3 20161005 (DE)**

Application

**EP 10182280 A 20100929**

Priority

DE 202009013488 U 20091006

Abstract (en)

[origin: EP2309089A2] The device has a fixing element (24) for connecting a component with a support element (23) that is attached at an edge of the building opening. The fixing element is formed as a threaded bolt which is fixed in an oblong hole or in round hole of support element by a screw connection (25). The screw connection, the oblong hole or the round hole is assigned to thermal separating units (29,30). The thermal separating agent is made of a plastic material or a rubber material.

IPC 8 full level

**E06B 1/60** (2006.01)

CPC (source: EP)

**E06B 1/603** (2013.01); **E06B 1/6076** (2013.01)

Citation (search report)

- [XDY] DE 102004039553 A1 20060223 - SYLID SYSTEMLOGISTIK & INDUSTRIEDIENSTLEISTUNG GMBH [DE]
- [Y] NL 2001812 C2 20091002 - TIMMERBEDRIJF DE WAAL VEEN B V [NL]
- [A] US 4930257 A 19900605 - WINDGASSEN WILLIAM P [US]

Cited by

WO2014126450A1; DE202011108043U1; EP2594718A2

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**DE 202009013488 U1 20100114**; EP 2309089 A2 20110413; EP 2309089 A3 20161005; EP 2309089 B1 20200513; PL 2309089 T3 20201019

DOCDB simple family (application)

**DE 202009013488 U 20091006**; EP 10182280 A 20100929; PL 10182280 T 20100929