

Title (en)

Profile device for bridging a building joint

Title (de)

Profilanordnung zur Überbrückung einer Bauwerksfuge

Title (fr)

Agencement de profilé destiné à l'enjambement d'un joint

Publication

EP 2037053 A3 20110831 (DE)

Application

EP 08011754 A 20080628

Priority

DE 102007043983 A 20070914

Abstract (en)

[origin: US2008307732A1] A one-piece or multiple-piece shaped profile assembly that is used for bridging a construction element joint (2), namely expansion joints or displacement joints between two construction elements (3.1; 3.2). This assembly is shaped as a stiff joint bridge with two vertical mirror-image shaped profiles (5, 6) facing each other at both joint edges that are connected together by means of a shaped bridging profile (7) extending across the construction element joint (2). At least one of the vertical profile pieces (5, 6) is adjustable with respect to the opposing construction element to compensate for the relative displacement between the construction elements (3.1; 3.2). The vertical profile pieces (5, 6) and shaped bridging profile (7) comprise a hard polymer foam that is coated with an armoring mortar layer as an adhesive base for an additional coating layer (11).

IPC 8 full level

E04B 1/68 (2006.01)

CPC (source: EP US)

E04B 1/6803 (2013.01 - EP US); **E04B 1/6815** (2013.01 - EP US)

Citation (search report)

- [AD] DE 1934771 U 19660317 - POLYCHEMIE GMBH [DE]
- [A] GB 1349486 A 19740403 - BURMAH IND PROD LTD
- [A] EP 0711880 A2 19960515 - SPECIALTIES CONST [US]
- [A] DE 6810332 U 19690717 - MIGUA MITTELDEUTSCHE GUMMI U A [DE]

Cited by

CN112376713A; DE202010008330U1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2008307732 A1 20081218; US 8024902 B2 20110927; DE 102007043983 B3 20090312; EP 2037053 A2 20090318; EP 2037053 A3 20110831; EP 2037053 B1 20120801; US 2011296782 A1 20111208

DOCDB simple family (application)

US 22855208 A 20080814; DE 102007043983 A 20070914; EP 08011754 A 20080628; US 201113196945 A 20110803