

Title (en)
INSULATING GLAZED ELEMENT

Title (de)
ISOLIERGLASELEMENT

Title (fr)
ÉLÉMENT VITRÉ ISOLANT

Publication
EP 3113653 B1 20210414 (FR)

Application
EP 15705978 A 20150218

Priority

- EP 14158278 A 20140307
- EP 14188477 A 20141010
- EP 2015053370 W 20150218

Abstract (en)
[origin: WO2015132071A1] The invention relates to an insulating glazed element (200) comprising at least one insulating glazing unit (100) comprising at least a first (10) and a second (11) glass sheets associated together by way of an intermediate frame (50) that keeps them a certain distance from each other. According to the invention, said intermediate frame (50) is composed of at least two horizontal spacers (26) and at least two vertical spacers (25), which are transparent. The horizontal spacers (26) are composed of at least two compartments (12) and (17), which are separate and contiguous.

IPC 8 full level
A47F 3/04 (2006.01)

CPC (source: EP US)
A47F 3/0434 (2013.01 - US); **E06B 3/66328** (2013.01 - EP US); **E06B 3/66333** (2013.01 - US); **E06B 3/66371** (2013.01 - US);
E06B 3/6715 (2013.01 - US); **F25D 23/028** (2013.01 - EP US); **E06B 3/481** (2013.01 - EP US); **E06B 5/00** (2013.01 - US);
E06B 5/006 (2013.01 - EP US); **E06B 2003/66385** (2013.01 - US)

Citation (examination)
DE 102011009879 A1 20120802 - LOHMANN GMBH & CO KG [DE]

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

DOCDB simple family (publication)
WO 2015132071 A1 20150911; BR 112016019713 A2 20171003; BR 112016019713 B1 20220118; CN 106061329 A 20161026;
CN 106061329 B 20200821; DE 202015009499 U1 20180102; EP 3113653 A1 20170111; EP 3113653 B1 20210414; ES 2877352 T3 20211116;
JP 2017515082 A 20170608; JP 6611361 B2 20191127; PL 3113653 T3 20211025; US 10400504 B2 20190903; US 2017016271 A1 20170119

DOCDB simple family (application)
EP 2015053370 W 20150218; BR 112016019713 A 20150218; CN 201580012413 A 20150218; DE 202015009499 U 20150218;
EP 15705978 A 20150218; ES 15705978 T 20150218; JP 2016555768 A 20150218; PL 15705978 T 20150218; US 201515124313 A 20150218