

Title (en)

BUILDING FACADE ELEMENT EMBODIED AS AN INSULATING GLASS UNIT

Title (de)

GEBÄUDEFASSADENELEMENT AUSGEBILDET ALS ISOLIERGLASEINHEIT

Title (fr)

ÉLÉMENT DE FAÇADE DE BÂTIMENT CONÇU SOUS FORME D'UNITÉ VITRAGE ISOLANT

Publication

EP 3701111 A1 20200902 (DE)

Application

EP 19711274 A 20190308

Priority

- DE 102018105479 A 20180309
- EP 2019055866 W 20190308

Abstract (en)

[origin: WO2019170869A1] The invention relates to a building façade element embodied as an insulating glass unit (1), comprising at least one first (2) and one second (3) glass pane, at least one glass spacer (4) consisting of glass, which is connected to each glass pane (2, 3) by means of at least one sealant (5, 5'), at least one other spacer (6) which is gas-tight or comprises a gas-tight layer (7) and is connected to each glass pane (2, 3) by means of at least one second sealant (8 8'), and at least one joining region (9) for a glass spacer (4) and another spacer (6), the at least one glass spacer (4), the at least one other spacer (6) and the glass panes (2, 3) forming a closed inner chamber (10). The aim of the invention is to provide an insulating glass unit (1) that comprises a gas-tight inner chamber (10) and does not affect the visual appearance. To this end, the at least one joining region (9) is closed by a third sealant (11) in a gas-tight manner, said sealant containing butyl and being guided over the joining region (9).

IPC 8 full level

E06B 3/663 (2006.01)

CPC (source: EP US)

E06B 3/66333 (2013.01 - EP US); **E06B 2003/66338** (2013.01 - EP US)

Citation (search report)

See references of WO 2019170869A1

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)

WO 2019170869 A1 20190912; CN 111601942 A 20200828; DE 102018105479 A1 20190912; EP 3701111 A1 20200902; EP 3701111 B1 20230607; EP 3701111 C0 20230607; ES 2952759 T3 20231103; PL 3701111 T3 20230828; US 11486191 B2 20221101; US 2020408032 A1 20201231

DOCDB simple family (application)

EP 2019055866 W 20190308; CN 201980008388 A 20190308; DE 102018105479 A 20180309; EP 19711274 A 20190308; ES 19711274 T 20190308; PL 19711274 T 20190308; US 201916979013 A 20190308