

Title (en)

INSULATING GLAZING WITH PRESSURE EQUALISATION ELEMENT, METHOD OF PRODUCING IT AND USE

Title (de)

ISOLIERVERGLASUNG MIT DRUCKAUSGLEICHSELEMENT

Title (fr)

VITRAGE ISOLANT DOTÉ D'UN ÉLÉMENT D'ÉQUILIBRAGE DE PRESSION, METHODE POUR LA PRODUCTION ET UTILISATION

Publication

**EP 2935748 B1 20190731 (DE)**

Application

**EP 13755991 A 20130820**

Priority

- EP 12198381 A 20121220
- EP 2013067278 W 20130820
- EP 13755991 A 20130820

Abstract (en)

[origin: WO2014095097A1] The invention relates to insulating glazing having a pressure-equalizing body, comprising at least a. a first disk (1) and a second disk (2), b. a circumferential spacer (3) between the first disk (1) and the second disk (2), wherein the spacer (3) comprises a hollow main body (5), which has at least two parallel disk contact walls (5a, 5b) and an outer wall (5c) and a glazing interior wall (5d) and a bore opening (6) through the outer wall (5c), and c. a hollow pressure-equalizing body (7), which comprises a surrounding outer wall (16a) and a gas-permeable and vapor-diffusion-tight membrane (8) fastened inside the pressure-equalizing body (7), wherein the pressure-equalizing body (7) and a sealing mass (9) are arranged in an outer disk intermediate space (12) between the first disk (1) and the second disk (2), wherein d. the pressure-equalizing body (7) is connected to the spacer (3) through the bore opening and a sealing means (11) is arranged between the bore opening (6) and the outer wall (16a) of the pressure-equalizing body (7), e. the hollow main body contains a desiccant, and f. the hollow main body (5) has at least one partition wall (17).

IPC 8 full level

**E06B 3/677** (2006.01); **E06B 3/66** (2006.01); **E06B 3/663** (2006.01)

CPC (source: EP US)

**E06B 3/66304** (2013.01 - US); **E06B 3/677** (2013.01 - EP US); **E06B 3/64** (2013.01 - US); **E06B 3/6612** (2013.01 - EP US); **E06B 3/66342** (2013.01 - EP US); **E06B 3/66352** (2013.01 - US); **E06B 2003/6638** (2013.01 - EP US)

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 2014095097 A1 20140626**; CA 2893932 A1 20140626; CA 2893932 C 20171024; CN 104870738 A 20150826; CN 104870738 B 20170503; EP 2935748 A1 20151028; EP 2935748 B1 20190731; JP 2016506465 A 20160303; JP 6165266 B2 20170719; KR 101795897 B1 20171108; KR 20150086513 A 20150728; PL 2935748 T3 20191231; US 2015322708 A1 20151112; US 9290986 B2 20160322

DOCDB simple family (application)

**EP 2013067278 W 20130820**; CA 2893932 A 20130820; CN 201380066529 A 20130820; EP 13755991 A 20130820; JP 2015548292 A 20130820; KR 20157016115 A 20130820; PL 13755991 T 20130820; US 201314652784 A 20130820