Title (en)
PROCESS FOR MANUFACTURING A GAS-FILLED MULTIPLE GLAZING UNIT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER GASGEFÜLLTEN MEHRFACHVERGLASUNGSEINHEIT

Title (fr)
PROCÉDÉ DE FABRICATION D'UN VITRAGE MULTIPLE REMPLI DE GAZ

Publication
EP 2791448 A2 20141022 (FR)

Application
EP 12816699 A 20121210

Priority
• FR 1161688 A 20111215
• FR 2012052858 W 20121210

Abstract (en)
[origin: WO2013088044A2] The invention relates to a process for manufacturing a gas-filled multiple glazing unit comprising at least two glass sheets (1, 2, 3), the process comprising: - a preassembly step in which each glass sheet (1, 2, 3) is positioned inclined at an angle strictly greater than 0° and less than or equal to 10° to the adjacent glass sheet so as to form at least one cavity (8, 9), each cavity (8, 9) being completely closed on one of its sides (16), - a step of partially blocking at least one of the sides (17, 18) of each cavity, - a step of filling each cavity (8, 9) with gas via an injection side (19) of the cavity (8, 9), - a step of pressing the glass sheets (1, 2, 3). The invention allows the cavity or cavities of a multiple glazing unit to be filled while reducing the amount of gas used and the filling times.

IPC 8 full level
E06B 3/667 (2006.01); **E06B 3/677** (2006.01)

CPC (source: EP US)
E06B 3/6675 (2013.01 - EP US); **E06B 3/673** (2013.01 - US); **E06B 3/6775** (2013.01 - EP US)

Citation (search report)
See references of WO 2013088044A2

Cited by
PL423692A1

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 2013088044 A2 20130620; **WO 2013088044 A3 20131024**; CN 103987910 A 20140813; CN 103987910 B 20160427; EP 2791448 A2 20141022; EP 2791448 B1 20170215; FR 2984300 A1 20130621; FR 2984300 B1 20141121; JP 2015501779 A 20150119; JP 6139557 B2 20170531; KR 102100153 B1 20200413; KR 20140100961 A 20140818; PL 2791448 T3 20170831; US 10358863 B2 20190723; US 2014345781 A1 20141127

DOCDB simple family (application)
FR 2012052858 W 20121210; CN 201280061686 A 20121210; EP 12816699 A 20121210; FR 1161688 A 20111215; JP 2014546607 A 20121210; KR 20147015872 A 20121210; PL 12816699 T 20121210; US 201214365401 A 20121210