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

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Application

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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

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CPC (source: EP US)

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