

Title (en)
INSULATING GLASS ELEMENTS FOR MULTIPLE-PANE DOORS WITH A TRANSPARENT EDGE SEAL AND METHOD FOR PRODUCING THE INSULATING GLASS ELEMENTS

Title (de)
ISOLIERGLASELEMENTE FÜR MEHRSCHEIBIGE TÜREN MIT TRANSPARENTEM RANDVERBUND UND VERFAHREN ZUR HERSTELLUNG DER ISOLIERGLASELEMENTE

Title (fr)
ÉLÉMENT DE VITRAGE ISOLANT POUR PORTES À PLUSIEURS VITRES MUNIES D'UN BORD COMPOSITE TRANSPARENT ET PROCÉDÉ DE FABRICATION DUDIT ÉLÉMENT DE VITRAGE ISOLANT

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Application
EP 19772820 A 20190605

Priority
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Abstract (en)
[origin: WO2019234500A1] The insulating glass element according to the invention, when used as defined, allows the manufacture of multi-pane doors with a transparent edge seal for use in sunrooms, shop fittings, refrigeration equipment and special display case construction. For this purpose, glass spacers are arranged between a base pane and a cover pane in the vertical edge region or lateral edge region of the door and in the upper horizontal or transverse edge region or aluminum or plastic spacers are arranged in the lower edge region or in both horizontal or transverse edge regions, the vertical or lateral glass spacers are set back from the pane edge of the base pane and the cover pane by between 0.5 and 1.5 mm, most preferably 1 mm, and the horizontal or transverse glass spacers or aluminum or plastic spacers are arranged between the vertical or lateral glass spacers or above or below the transverse ends of the vertical or lateral glass spacers.

IPC 8 full level
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Citation (examination)
• EP 2456942 B1 20160622 - BERESFORD GARY PAUL [GB], et al
• WO 2017157636 A1 20170921 - SAINT GOBAIN [FR]

Designated contracting state (EPC)
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