

Title (en)
SYSTEM OF MULTILAYERED THERMALLY-INSULATING GLAZING UNITS

Title (de)
MEHRSCHEIBEN-ISOLIERVERGLASUNG SYSTEM

Title (fr)
SYSTÈME DE VITRAGE THERMO-ISOLANT A VITRES MULTIPLES

Publication
EP 2909412 B1 20170517 (EN)

Application
EP 13711151 A 20130220

Priority
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Abstract (en)
[origin: WO2014054957A1] System of multilayered thermally-insulating glazing units in the form of a multiple glass unit, consisting of two external transparent glass panes and a gas medium that is transparent in visible light between the panes, while transparent internal partitions are placed in the internal space between the above- mentioned panes characterised in that the partitions (3) take the form of a film made of inorganic glass, the film is less than 400 µm thick and it is characterised by a deflection radius that is smaller than 40 cm, while its optical properties are characterised by a total reflectivity coefficient of both partition (3) surfaces that is lower than 7 percent, the visible light absorption below 7 percent and the transmittance haze coefficient below 1.5 percent. The partitions (3) are made of an ultrathin film, with its thickness within the range from 20 to 300 µm, made of silica glass or boron-lithium glass.

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