

Title (en)
INSULATING GLAZING AND USE THEREOF

Title (de)
ISOLIERVERGLASUNG UND DEREN VERWENDUNG

Title (fr)
VITRAGE ISOLANT ET UTILISATION DUDIT VITRAGE ISOLANT

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Application
EP 17731596 A 20170626

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Abstract (en)
[origin: WO2018054564A1] The invention relates to an insulating glazing having a pressure-equalizing body, comprising a first pane (1), a second pane (2), a peripheral spacer (3) between the first pane (1) and the second pane (2), wherein the spacer (3) comprises a hollow main body (4) having at least two pane contact walls (4a, 4b) extending parallel and having an outer wall (4c) and a glazing interior-space wall (4d) and having a bore opening (5) through the outer wall (4c) and contains a desiccant (6) arranged in the hollow main body (4), wherein the hollow main body (4) extends between the first pane (1) and the second pane (2) along a periphery and, along said periphery, at least one partition wall (7) extends through the hollow main body (4) transversely to the periphery, wherein an inner pane intermediate space (13) is formed between the first pane (1), the second pane (2) and the spacer (3), and at least one hollow pressure-equalizing body (8) for equalizing pressure between the inner pane intermediate space (13) and the surroundings of the insulating glazing, wherein the pressure-equalizing body (8) comprises a surrounding outer wall (8a) and a gas-permeable membrane (8b) fastened within the pressure-equalizing body (8) and is connected to the spacer (3) via the bore opening (5), wherein each pressure-equalizing body (8) is arranged at a distance of less than 20% of the periphery of the hollow main body (4) from a partition wall (7) associated with the pressure-equalizing body (8), wherein the glazing interior-space wall (4d), proceeding from the partition wall (7) toward the pressure-equalizing body (8), has a region (9a) that is impermeable to water vapor and the impermeable region (9a) extends along at least 20% of the periphery of the hollow main body (4). According to the invention, a blind (12) is arranged in the inner pane intermediate space (13), the membrane (8b) is designed as a water vapor barrier having a water vapor permeability of more than 50 g/(day m²) and less than 400 g/(day m²), measured in accordance with the ASTM E96-10 method, and the hollow main body (4) is filled with desiccant (6) along at least 80% of the entire periphery of the hollow main body.

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