

Title (en)

MULTIPLE GLAZING UNIT WITH MOUNTING GASKET INCORPORATING A REINFORCING AND SEALING ELEMENT

Title (de)

MEHRFACHVERGLASUNGSEINHEIT MIT MONTAGEDICHTUNG MIT EINEM VERSTÄRKUNGS- UND DICHELEMENT

Title (fr)

VITRAGE MULTIPLE À JOINT DE MONTAGE INCORPORANT UN ÉLÉMENT DE RENFORT ET D'ÉTANCHÉITÉ

Publication

**EP 4308452 A1 20240124 (FR)**

Application

**EP 22707811 A 20220211**

Priority

- FR 2102610 A 20210316
- FR 2022050246 W 20220211

Abstract (en)

[origin: WO2022195188A1] The invention relates to a multiple glazing unit comprising a first pane (1) and a second pane (3) separated by an air gap (2), a mounting gasket (4) covering a peripheral strip of the main surface of the first pane (1) facing the second pane (3), the mounting gasket (4) covering the edges of the first pane (1) and of the second pane (3) and occupying a peripheral portion of the air gap (2), a reinforcing and sealing element (5) being incorporated in the mounting gasket (4) by covering a peripheral portion of the main surface of the first pane (1) facing the second pane (3) and by engaging the edge of the second pane (3) so as to limit the bending effect of the first pane (1). The invention also relates to the use of said multiple glazing unit as a wall of a volume that is subjected to pressurisations.

IPC 8 full level

**B64C 1/14** (2006.01)

CPC (source: EP US)

**B64C 1/1484** (2013.01 - EP US); **B64C 1/1492** (2013.01 - EP US)

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

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3120849 A1 20220923**; **FR 3120849 B1 20230324**; CN 117015501 A 20231107; EP 4308452 A1 20240124; US 2024166327 A1 20240523; WO 2022195188 A1 20220922

DOCDB simple family (application)

**FR 2102610 A 20210316**; CN 202280021615 A 20220211; EP 22707811 A 20220211; FR 2022050246 W 20220211; US 202218550858 A 20220211