

Title (en)
AEROGEL TRIPLE INSULATED GLAZING UNIT

Title (de)
AEROGEL-DREIFACHISOLIERVERGLASUNGSEINHEIT

Title (fr)
UNITÉ DE VITRAGE ISOLÉE AÉROGEL TRIPLE

Publication
EP 4336011 A1 20240313 (EN)

Application
EP 22194587 A 20220908

Priority
EP 22194587 A 20220908

Abstract (en)
The present invention relates to a triple insulated glazing unit comprising a first glass pane, an intermediate second glass pane and a third glass pane arranged in parallel, wherein the first glass pane comprises a first major glass surface and a second major glass surface, wherein the first major glass surface is facing an outside environment of the triple insulated glazing unit and the second major glass surface is facing a first gap of the triple insulated glass unit, wherein the intermediate second glass pane comprises a third major glass surface and a fourth major glass surface, wherein the third major glass surface is facing the first gap while the fourth major glass surface is facing a second gap of the triple insulated glass unit, wherein the third glass pane comprises a fifth major glass surface and a sixth major glass surface, wherein the fifth major glass surface is facing the second gap and the sixth major glass surface is facing the outside environment of the triple insulated glazing unit, wherein the first gap and second gap are enclosed by one or more edge seals, and wherein the triple insulated glazing unit comprises a first aerogel layer and a first low-emissivity coating, wherein each of the first low-emissivity coating and the first aerogel layer is arranged on a major glass surface of one of the glass panes.

IPC 8 full level
E06B 3/67 (2006.01); **E04D 13/03** (2006.01); **E04D 13/035** (2006.01); **E06B 3/663** (2006.01)

CPC (source: EP)
E04D 13/031 (2013.01); **E04D 13/0354** (2013.01); **E06B 3/66309** (2013.01); **E06B 3/6715** (2013.01)

Citation (search report)

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Citation (examination)
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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)
EP 4336011 A1 20240313

DOCDB simple family (application)
EP 22194587 A 20220908