

Title (en)

FIREPROOF GLAZING COMPRISING A COMPOSITE EDGE WITH A FOAMING AND COOLING FIREPROOF PROPERTY

Title (de)

BRANDSCHUTZVERGLASUNG UMFASSEND RANDVERBUND MIT SCHÄUMENDER UND KÜHLENDER BRANDSCHUTZEIGENSCHAFT

Title (fr)

VITRAGE COUPE-FEU COMPRENANT UN JOINT PÉRIPHÉRIQUE À PROPRIÉTÉ IGNIFUGE AVEC EFFETS MOUSSANT ET REFROIDISSANT

Publication

**EP 4172444 A1 20230503 (DE)**

Application

**EP 21736595 A 20210628**

Priority

- EP 20182655 A 20200626
- EP 2021067618 W 20210628

Abstract (en)

[origin: CA3188159A1] The invention relates to a fireproof glazing (1) consisting of at least two glass panes (2) which are mutually spaced by a spacer. A fireproof material (3) and the spacer (4) are arranged in an intermediate space between the two glass panes (2). A composite edge (5) encloses the fireproof material (3) and the spacer (4) in the intermediate space. The composite edge (5) has a foaming and a cooling fireproof property. Solely the fireproof material (3), the spacer (4) - if necessary with an optional spacer fastening for securing the spacer (4) to the glass pane (2) - and the composite edge (5) can be arranged in the intermediate space between the two glass panes (2).

IPC 8 full level

**E06B 3/663** (2006.01); **B32B 17/10** (2006.01); **E06B 3/66** (2006.01); **E06B 3/67** (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP US)

**B32B 3/18** (2013.01 - US); **B32B 17/10036** (2013.01 - EP US); **B32B 17/10293** (2013.01 - EP); **B32B 17/10302** (2013.01 - EP US); **B32B 17/10311** (2013.01 - EP US); **E06B 3/66** (2013.01 - EP); **E06B 3/66328** (2013.01 - EP); **E06B 3/66333** (2013.01 - EP); **E06B 5/165** (2013.01 - EP); **B32B 2307/3065** (2013.01 - US); **B32B 2307/308** (2013.01 - US); **B32B 2313/04** (2013.01 - US); **E06B 3/66371** (2013.01 - EP); **E06B 3/67** (2013.01 - EP)

Citation (search report)

See references of WO 2021260221A1

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 3929389 A1 20211229**; CA 3188159 A1 20211230; EP 4172444 A1 20230503; US 2023241867 A1 20230803; WO 2021260221 A1 20211230

DOCDB simple family (application)

**EP 20182655 A 20200626**; CA 3188159 A 20210628; EP 2021067618 W 20210628; EP 21736595 A 20210628; US 202118012430 A 20210628