

Title (en)
INSULATING GLAZING UNIT AND GLAZING

Title (de)
ISOLIERVERGLASUNGSEINHEIT UND VERGLASUNG

Title (fr)
VITRAGE ISOLANT ET VITRAGE

Publication
EP 4217578 A1 20230802 (DE)

Application
EP 21773529 A 20210906

Priority
• EP 20197749 A 20200923
• EP 2021074453 W 20210906

Abstract (en)
[origin: WO2022063551A1] The invention relates to an insulating glazing unit (1), comprising: at least one spacer (5) which is reshaped around the periphery to produce a spacer frame (5') and defines an inner region (12), a first glass pane (4a) which is disposed on a pane contact surface (5.1) of the spacer frame (5'), and a second glass pane (4b) which is disposed on a second pane contact surface (5.2) of the spacer frame (5'), wherein the glass panes (4a, 4b) project beyond the spacer frame (5') and form an outer region (13) which is filled, at least in sections, preferably entirely, with a sealing element (6), wherein an RFID transponder (9) is disposed in the outer region (13) or in the outer edge region of the glass panes (4a, 4b), said RFID transponder (9) comprising a slot antenna (9.1).

IPC 8 full level
E06B 3/66 (2006.01)

CPC (source: EP US)
E06B 3/24 (2013.01 - US); **E06B 3/5409** (2013.01 - US); **E06B 3/66** (2013.01 - EP); **E06B 3/66352** (2013.01 - US); **E06B 7/28** (2013.01 - US); **G06K 19/07758** (2013.01 - US); **H01Q 1/1271** (2013.01 - US); **H01Q 1/2225** (2013.01 - US); **H01Q 13/106** (2013.01 - US); **E06B 3/6621** (2013.01 - 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)
WO 2022063551 A1 20220331; CA 3180277 A1 20220331; CN 116194653 A 20230530; EP 4217578 A1 20230802; MX 2023003312 A 20230413; US 2023253696 A1 20230810

DOCDB simple family (application)
EP 2021074453 W 20210906; CA 3180277 A 20210906; CN 202180064428 A 20210906; EP 21773529 A 20210906; MX 2023003312 A 20210906; US 202118008610 A 20210906