

Title (en)

VEHICLE GLASS PANEL WITH INSERT AND ASSOCIATED THERMAL CAMERA DEVICE

Title (de)

FAHRZEUGGLASPLATTE MIT EINSATZ UND ZUGEHÖRIGE THERMOKAMERAVORRICHTUNG

Title (fr)

VITRAGE DE VEHICULE AVEC INSERT ET DISPOSITIF A CAMERA THERMIQUE ASSOCIE

Publication

EP 4025542 A1 20220713 (FR)

Application

EP 20764103 A 20200902

Priority

- FR 1909833 A 20190906
- EP 2020074491 W 20200902

Abstract (en)

[origin: WO2021043838A1] The invention relates to a vehicle glass panel (100) comprising, in a peripheral zone, a through-hole comprising an insert (2) made of a material with a crystalline structure, which is transparent in a range A of wavelengths in the infrared spectrum of at least 9.5 to 10.5 µm and said material of the insert is transparent in the visible spectrum at a reference wavelength ranging between 500 nm and 600 nm. The invention also relates to the device with said glass panel and a thermal camera.

IPC 8 full level

C03C 3/32 (2006.01); **B60J 1/02** (2006.01)

CPC (source: CN EP KR US)

B32B 3/08 (2013.01 - CN); **B32B 3/266** (2013.01 - CN); **B32B 7/12** (2013.01 - CN KR); **B32B 17/00** (2013.01 - CN); **B32B 17/10** (2013.01 - KR);
B32B 27/306 (2013.01 - CN); **B60J 1/001** (2013.01 - US); **B60J 1/02** (2013.01 - CN EP KR US); **B60R 1/30** (2022.01 - US);
B60R 11/02 (2013.01 - CN); **B60R 11/04** (2013.01 - KR US); **C03C 3/321** (2013.01 - EP KR); **C03C 3/325** (2013.01 - EP KR);
B32B 2605/00 (2013.01 - CN); **B32B 2605/08** (2013.01 - KR); **B60R 2011/0026** (2013.01 - CN KR 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

DOCDB simple family (publication)

WO 2021043838 A1 20210311; BR 112022003354 A2 20220517; CN 112789168 A 20210511; EP 4025542 A1 20220713;
FR 3100485 A1 20210312; FR 3100485 B1 20231229; JP 2022547477 A 20221114; KR 20220061109 A 20220512; MX 2022002741 A 20220406;
PE 20220741 A1 20220506; US 2022324388 A1 20221013

DOCDB simple family (application)

EP 2020074491 W 20200902; BR 112022003354 A 20200902; CN 202080003833 A 20200902; EP 20764103 A 20200902;
FR 1909833 A 20190906; JP 2022514517 A 20200902; KR 20227007010 A 20200902; MX 2022002741 A 20200902;
PE 2022000342 A 20200902; US 202017640703 A 20200902