

Title (en)

PANE HAVING PATTERNED FUNCTIONAL COATING

Title (de)

SCHEIBE MIT MUSTER-FÖRMIGER FUNKTIONSBESCHICHTUNG

Title (fr)

VITRE AYANT UN REVÊTEMENT FONCTIONNEL À MOTIFS

Publication

EP 4353050 A1 20240417 (DE)

Application

EP 22733898 A 20220530

Priority

- EP 21178107 A 20210608
- EP 2022064508 W 20220530

Abstract (en)

[origin: WO2022258402A1] The invention relates to a method for producing a pane (100), wherein: (A) a glass pane (1) having an outer surface (a) and an inner surface (i) is provided, the outer surface (a) or inner surface (i) of which has an electrically conductive coating (2) at least in parts, (B) a print layer (3) is applied to at least two line-shaped regions of the electrically conductive coating (2), and (C) the print layer (3) is baked; the electrically conductive coating (2) located below the print layer (3) is decomposed, and from each line-shaped region having the print layer (3) an opaque, line-shaped print region (11) is formed; between the at least two line-shaped print regions (11), there is at least one print-free region (10) having the electrically conductive coating (2); the at least one print-free region (10) forms a heating current path running between a first connection region and a second connection region; and the at least two opaque, line-shaped print regions (11) are designed such that the heating current path is longer than the direct connection between the first and second connection regions.

IPC 8 full level

H05B 3/86 (2006.01); **H05B 3/84** (2006.01)

CPC (source: EP)

H05B 3/84 (2013.01); **H05B 3/86** (2013.01); **H05B 2203/003** (2013.01); **H05B 2203/005** (2013.01); **H05B 2203/013** (2013.01)

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 2022258402 A1 20221215; CN 115943730 A 20230407; EP 4353050 A1 20240417

DOCDB simple family (application)

EP 2022064508 W 20220530; CN 202280002705 A 20220530; EP 22733898 A 20220530