

Title (en)

INSULATING GLASS UNIT AND CHILLER OR FREEZER DEVICE

Title (de)

ISOLIERENDE GLASEINHEIT UND KÜHL- ODER TIEFKÜHLVORRICHTUNG

Title (fr)

UNITÉ DE VERRE ISOLANT ET DISPOSITIF DE RÉFRIGÉRATION OU DE CONGÉLATION

Publication

EP 3955703 A1 20220216 (EN)

Application

EP 20190224 A 20200810

Priority

EP 20190224 A 20200810

Abstract (en)

An insulating glass unit (1) for a chiller or a freezer device, comprising a transparent outer pane (2), a transparent inner pane (3) and at least one active heating element (7, 7'), wherein said transparent inner pane (3) and said transparent outer pane (2) are spaced apart from each other by at least one spacer element (5, 5'), is characterized in that a circumferential edge section (8) of the transparent outer pane (2) is defined as being the section of said transparent outer pane (2) positioned between an outer edge (9) of said transparent outer pane (2) up to an inner edge (10) of said spacer element (5, 5'), wherein said active heating element (7, 7') is arranged on or adjacent to said circumferential edge section (8) of said transparent outer pane (2) and extends not more than 5 cm towards the center of the transparent outer pane (2), as measured from an inner edge (10) of said spacer element (5, 5'). Further, a chiller or freezer device is described.

IPC 8 full level

H05B 3/84 (2006.01); **A47F 3/04** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP)

H05B 3/84 (2013.01); **H05B 2203/013** (2013.01)

Citation (applicant)

EP 1626940 B1 20060628 - ASOLA VETRO S R L [IT]

Citation (search report)

- [X] US 2004080122 A1 20040429 - BEYRLE ANDRE [FR]
- [X] US 6435630 B1 20020820 - ANIN MARC [FR], et al
- [X] US 2018274846 A1 20180927 - KIM JUNGHWAN [KR], et al
- [A] US 2016166085 A1 20160616 - TWOHY RAYMOND P [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

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