

Title (en)

DISPLAY CASE DOOR ASSEMBLY WITH TEMPERED GLASS VACUUM PANEL

Title (de)

SCHAUKASTENTÜRANORDNUNG MIT HARTGLASVAKUUMPLATTE

Title (fr)

ENSEMBLE PORTE DE VITRINE DOTÉ D'UN PANNEAU À VIDE EN VERRE TREMPÉ

Publication

EP 3423660 A4 20191120 (EN)

Application

EP 17760726 A 20170301

Priority

- US 201615058898 A 20160302
- US 2017020223 W 20170301

Abstract (en)

[origin: WO2017151785A1] A display case door assembly for a temperature-controlled storage device includes an opening into the temperature-controlled storage device and a vacuum panel mounted within the opening. The vacuum panel includes a first vacuum pane of tempered glass, a second vacuum pane of tempered glass, and an evacuated gap between the first and second vacuum panes. The evacuated gap has a predetermined thickness within which a vacuum is drawn, thereby providing a thermal insulation effect for the vacuum panel. The vacuum panel further includes a plurality of spacers disposed within the evacuated gap and configured to maintain the predetermined thickness of the evacuated gap when the vacuum is drawn therein.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XII] EP 2904947 A1 20150812 - ANTHONY INC [US]
- See references of WO 2017151785A1

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