

Title (en)
INSULATING GLASS UNIT FOR A REFRIGERATION UNIT

Title (de)
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Title (fr)
UNITÉ EN VERRE ISOLANT POUR MEUBLE FRIGORIFIQUE

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Application
EP 17712449 A 20170320

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Abstract (en)
[origin: WO2017174333A1] The invention relates to an insulating glass unit (I) which is suitable for a refrigeration unit, at least comprising a first pane (11), a second pane (12) which is spaced from the first pane, a peripheral spacer frame (10) between the first pane (11) and the second pane (12), and an inner pane cavity (8) which is delimited by the spacer frame (10), the first pane (11), and the second pane (12), wherein - the spacer frame (10) comprises four profiled hollow polymer spacers (13.1, 13.2, 13.3, 13.4), each of which is secured along one of the four sides (14.1, 14.2, 14.3, 14.4) of the insulating glass unit (I) between the first pane (11) and the second pane (12) via a primary sealant (27), - two first profiled hollow polymer spacers (13.1, 13.2) are arranged along two opposing first sides (14.1, 14.2) of the insulating glass unit (I), and two profiled hollow polymer spacers (13.3, 13.4) are arranged along two opposing second sides (14.3, 14.4) of the insulating glass unit (I), - 5% to 50% of the first profiled hollow polymer spacers (13.1, 13.2) consists of reinforcement fibers, based on the polymer main part (1) of the spacers, and - 0% to 0.5% of the second profiled hollow polymer spacers (13.3, 13.4) consists of reinforcement fibers, based on the polymer main part (1) of the spacers.

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