

Title (en)

ROOF WINDOW COMPRISING AN INSULATING GLASS UNIT WITH UTILITY SPACE

Title (de)

DACHFENSTER MIT EINER ISOLIERGLASEINHEIT MIT NUTZRAUM

Title (fr)

FENÊTRE DE TOIT COMPRENANT UNE UNITÉ DE VERRE ISOLANT AVEC UN ESPACE UTILITAIRE

Publication

EP 4269715 A1 20231101 (EN)

Application

EP 22169649 A 20220425

Priority

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Abstract (en)

The present disclosure relates to a roof window (1) for installation in a roof structure of a building. The roof window (1) comprises a frame arrangement (2) and an insulating glass unit that is supported by the frame arrangement (2). The insulating glass unit comprises a first glass sheet (3a), a third glass sheet (3c), and a second intermediate glass sheet (3b) placed between the first glass sheet and the third glass sheet. A first insulating gap is provided between a major surface of the first, outer glass sheet, and a major surface (3b2) of the second, intermediate glass sheet (3b). The first insulating gap (4a) is sealed by means of a first edge seal (6a). A second insulating gap is provided between another major surface of the second, intermediate glass sheet, and a major surface of the third glass sheet. The second insulating gap (4b) is sealed by means of a second edge seal (6b). A side portion (8) of a major surface (3b2) of the second, intermediate glass sheet (3b) extends with a first distance (DIS1) past a side edge (7a) of the first glass sheet (3a) and past an outer side surface (6ae) of the first edge seal (6a) that faces away from the first insulating gap (4a), so as to provide an elongated utility space (10), such as a water drainage channel. The utility space overlaps said side portion (8) and is placed opposite to the outer side surface (6ae) of the first edge seal (6a).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- EP 2843151 B1 20190731 - FAKRO PP SP Z O O [PL]
- EP 2947253 B1 20170712 - ROTO FRANK AG [DE]

Citation (search report)

- [A] EP 2947253 A1 20151125 - ROTO FRANK AG [DE]
- [A] CN 214117278 U 20210903 - SHENZHEN STYLE DECORATION CO LTD
- [A] EP 3795770 A1 20210324 - VKR HOLDING AS [DK]

Designated contracting state (EPC)

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