

Title (en)
Insulated glass unit

Title (de)
Isolerglas

Title (fr)
Unité de verre isolant

Publication
EP 2584135 A3 20170104 (EN)

Application
EP 12188849 A 20121017

Priority
DK PA201100797 A 20111017

Abstract (en)
[origin: EP2584135A2] An insulated glass unit with two panes 1,2 and an inserted intermediate sheet 3. The intermediate sheet 3 is free to expand thermally inside the enclosed space. The intermediate sheet 3 is non structural and positioned between the panes by protruding position means 4,7,8,9,10,11,12 which are provided at the periphery of the intermediate sheet 3 without engagement with the spacer 5. The protruding position means 4 extend transversally in opposite directions. The intermediate sheet 3 enhances the thermal performance of the insulated glass unit while maintaining a low weight and easy production.

IPC 8 full level
E06B 3/67 (2006.01); **E06B 3/663** (2006.01)

CPC (source: EP)
E06B 3/6715 (2013.01)

Citation (search report)
• [XII] DE 3403803 A1 19840809 - GLAVERBEL [BE]
• [XII] US 6250026 B1 20010626 - THOMPSON JR ALBERT E [US]

Cited by
US10344525B2; WO2014198429A1; US10301868B2; WO2014198431A1; US9739085B2; US10167665B2; US10190359B2; US10508486B2

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

DOCDB simple family (publication)
EP 2584135 A2 20130424; EP 2584135 A3 20170104

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