

Title (en)  
Insulated glass unit

Title (de)  
Isolerglas

Title (fr)  
Unité de verre isolant

Publication  
**EP 2584135 A2 20130424 (EN)**

Application  
**EP 12188849 A 20121017**

Priority  
DK PA201100797 A 20111017

Abstract (en)  
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 3/663** (2006.01); **E06B 3/67** (2006.01)

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

Citation (applicant)  
• GB 1398434 A 19750618 - GLAVERBEL  
• EP 1101955 B1 20060809 - SAINT GOBAIN [FR]  
• EP 1529921 A2 20050511 - WUETHRICH WERNER [CH]  
• WO 9424398 A1 19941027 - PARKER KENNETH R [CA], et al

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

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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