

Title (en)

Glass-frame-combination as well as window and door provided with the glass-frame-combination

Title (de)

Glas-Rahmen-Kombination sowie Fenster und Tür mit der Glas-Rahmen-Kombination

Title (fr)

Combinaison de cadre de verre ainsi que fenêtre et porte fournies avec la combinaison de cadre de verre

Publication

**EP 2525039 A3 20141029 (EN)**

Application

**EP 12168417 A 20120517**

Priority

NL 2006805 A 20110518

Abstract (en)

[origin: EP2525039A2] A window pane frame combination 1 comprises two conventional double glazed insulation window panes 9. These window panes are retained by a frame 17 which is formed into one whole in that fold formed steel profiles are welded together. Part of the profiles is present in between the window panes, which part forms an air chamber 19 which functions as a spacer. The air chamber comprises two side walls 23 facing the window panes and to which the insulation window panes 9 are fixed by means of a bonding agent 25. The frame with the insulation window panes thus constitutes a constructive whole. By bonding the window panes to a frame manufactured as one whole, a rigid self-supporting construction is obtained which can furthermore be manufactured in a simple and cost-effective manner.

IPC 8 full level

**E06B 3/24** (2006.01); **E06B 3/54** (2006.01); **E06B 3/56** (2006.01)

CPC (source: EP)

**E06B 3/24** (2013.01); **E06B 3/5409** (2013.01); **E06B 3/56** (2013.01)

Citation (search report)

- [X] GB 835833 A 19600525 - ALUCO BAUELEMENTE PATENTGESELL
- [A] EP 1528213 A1 20050504 - PIAVEVETRO S R L [IT]

Cited by

CN104563767A

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 2525039 A2 20121121**; **EP 2525039 A3 20141029**; **EP 2525039 B1 20170215**; NL 2008079 C2 20121120; NL 2008093 C2 20121120; PL 2525039 T3 20170831

DOCDB simple family (application)

**EP 12168417 A 20120517**; NL 2008079 A 20120104; NL 2008093 A 20120110; PL 12168417 T 20120517