

Title (en)  
MULTIPLE INSULATING GLAZING

Publication  
**EP 0430889 A3 19911218 (DE)**

Application  
**EP 90810913 A 19901126**

Priority  
CH 428589 A 19891130

Abstract (en)  
[origin: EP0430889A2] The multiple insulating glazing comprises two panes of glass (3, 5), which are kept at a distance from each other by a hollow, self-contained spacer profile (1). The hollow space (11) is filled with a drying agent (13). The spacer profile (1) consists of glass fibre-reinforced polycarbonate as heat-insulating material. The inner wall (17) of the spacer profile (1) which encloses an inner space (9) is permeable to water vapour by virtue of a plurality of holes (15) connecting the inner space (9) to the hollow space (11). The outer wall (19) opposite the inner wall (17) is impermeable to water vapour and gas by virtue of a sputtered-on layer (21), the sputtered-on material and its layer thickness being chosen such that the heat transfer of the spacer profile (1) is not markedly increased. <IMAGE>

IPC 1-7  
**E06B 3/66**

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

CPC (source: EP)  
**E06B 3/66319** (2013.01); **E06B 2003/6638** (2013.01)

Citation (search report)  
• [X] DE 3302659 A1 19840802 - REICHSTADT HANS UDO [DE]  
• [X] DE 2619718 A1 19771117 - ICB NV  
• [Y] GB 2077834 A 19811223 - LEITH GLAZING CO LTD  
• [YD] EP 0069558 A2 19830112 - REDDIPLEX LTD [GB]  
• [A] DE 3240639 A1 19840517 - BISCHOFF GLASTECHNIK [DE]

Cited by  
EP0953715A3; DE10226268A1; EP0475213A1; DE29800902U1; DE19807454A1; EP0719904A1; DE10226269A1; DE9303795U1; US5655282A; US5675944A; EP0852280A1; ITUA20163892A1; DE10356216A1; US5460862A; DE19543148A1; DE19543148C2; US7743584B2; DE102009022562A1; EP2998498A1; DE102009022562B4; EA027387B1; DE10311830A1; EP0597727A3; EP3421709A1; EP0953715A2; US10167665B2; WO03074830A1; US9260906B2; US10301868B2; WO0005475A1; WO9828513A1; WO2016046081A1; WO2013104507A1; US10286473B2; US10350859B2; US10190359B2; US10508486B2; US9169687B2; EP3505716A1; US10344525B2; WO2019134825A1; US11391084B2; WO2004081331A1; US7449224B2; FR2458839A1; EP2444580A1; EP2549047A1; US10626663B2; EP2802726B1; EP3198101B1; EP2116689B1; EP2116689B2

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