

Title (en)
Noise insulating hollow body.

Title (de)
Schalldämmender Hohlkörper.

Title (fr)
Caisson isolant acoustique.

Publication
EP 0579542 A1 19940119 (FR)

Application
EP 93401819 A 19930715

Priority
FR 9208772 A 19920716

Abstract (en)
The window includes two parallel glass panes separated by an air gap and assembled within a window frame. The frame is filled with a drying substance and glued with butyl. A waveguide is built at the window edge which communicates, through eight holes, with the air gap between the panes.

Abstract (fr)
Pour améliorer les performances d'isolation acoustique d'un caisson à faces parallèles tel qu'un vitrage isolant, on l'équipe d'un guide d'onde. De préférence, il est situé à la périphérie et communique avec l'espace du caisson par des orifices localisés 19 situés sur chacun des côtés. <IMAGE>

IPC 1-7
E06B 3/66

IPC 8 full level
E04B 1/82 (2006.01); **E04B 2/56** (2006.01); **E06B 3/66** (2006.01); **E06B 3/67** (2006.01); **G10K 11/16** (2006.01)

CPC (source: EP US)
E06B 3/6707 (2013.01 - EP US)

Citation (search report)

- [X] GB 2077834 A 19811223 - LEITH GLAZING CO LTD
- [X] DE 2803740 A1 19790802 - FRIEDRICH HOLVE KG
- [Y] CA 1165627 A 19840417 - REPLA LIMITED
- [AD] WO 8502640 A1 19850620 - LOCKHEED CORP [US]
- [A] EP 0202555 A1 19861126 - PPG INDUSTRIES INC [US]
- [A] DE 1659661 A1 19710121 - TAFELGALAS AG DETAG DEUTSCHE
- [A] US 2597097 A 19520520 - HAVEN CHARLES D

Cited by
CN108463604A; GB2313871A; CN108474234A; FR2794792A1; FR3122689A1; WO2022234237A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IE IT LI LU NL SE

DOCDB simple family (publication)
EP 0579542 A1 19940119; EP 0579542 B1 19991117; AT E186762 T1 19991215; CA 2100615 A1 19940117; CA 2100615 C 20050621; DE 69327020 D1 19991223; DE 69327020 T2 20000713; DK 0579542 T3 20000515; ES 2141141 T3 20000316; FI 933218 A0 19930715; FI 933218 A 19940117; FR 2693754 A1 19940121; FR 2693754 B1 19940902; JP 3270580 B2 20020402; JP H06167983 A 19940614; NO 309347 B1 20010115; NO 932501 D0 19930708; NO 932501 L 19940117; US 5598669 A 19970204

DOCDB simple family (application)
EP 93401819 A 19930715; AT 93401819 T 19930715; CA 2100615 A 19930715; DE 69327020 T 19930715; DK 93401819 T 19930715; ES 93401819 T 19930715; FI 933218 A 19930715; FR 9208772 A 19920716; JP 17635693 A 19930716; NO 932501 A 19930708; US 9191893 A 19930716