

Title (en)
SHIP WINDOW OR PORTHOLE AND METHOD FOR MAKING SAME

Title (de)
KLARSICHTFENSTER UND SEIN HERSTELLUNGSVERFAHREN

Title (fr)
FENETRE MARINE OU HUBLLOT ET SON PROCEDE DE FABRICATION

Publication
EP 1237780 A1 20020911 (FR)

Application
EP 00977649 A 20001109

Priority

- FR 0003129 W 20001109
- FR 9914399 A 19991110

Abstract (en)
[origin: WO0134459A1] The invention concerns a porthole comprising a window casing (1) defining a window, a glass pane (2) housed in said casing and closing said window and a glass-clamp fixed on the casing (1) opposite the front edge of the glass pane (2) to maintain the latter in the casing, said glass-clamp (4) consisting of several elements or parts (4a, 4b, 4c, 4d, ...) embedded, via their outer edge (4') in a groove (7) arranged in the inner surface (1a) of the casing (1), and maintained in said groove (7) by a fixing means. The invention is characterised in that the elements (4a, 4b, 4c, 4d,...) forming the glass-clamp (4) are arranged in succession, contiguous or slightly spaced and are maintained, in the groove (7), by retaining flanges or plates (8) fixed against the casing (1) front surface or inner surface, by a screw (9), said retaining flanges or plates (8) comprising a retaining spline (8a) oriented towards the rear portion of the porthole and supported against an inside surface of said elements, said retaining flanges or plates being preferably arranged in the zones (Z) where the ends of the various elements forming the glass-clamp meet.

IPC 1-7
B63B 19/02; **E06B 3/58**

IPC 8 full level
B63B 19/02 (2006.01); **E06B 3/58** (2006.01)

CPC (source: EP)
B63B 19/02 (2013.01); **E06B 3/5842** (2013.01)

Cited by
CN102022068A; CN112046678A; CN111927005A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0134459 A1 20010517; AT E248098 T1 20030915; AU 1529101 A 20010606; DE 60004881 D1 20031002; DE 60004881 T2 20040708; DK 1237780 T3 20031222; EP 1237780 A1 20020911; EP 1237780 B1 20030827; ES 2206325 T3 20040516; FR 2800703 A1 20010511; FR 2800703 B1 20011214; HR P20020401 A2 20030831; HR P20020401 B1 20070131; NO 20022222 D0 20020508; NO 20022222 L 20020508; NO 325219 B1 20080225; PL 197764 B1 20080430; PL 355414 A1 20040419

DOCDB simple family (application)
FR 0003129 W 20001109; AT 00977649 T 20001109; AU 1529101 A 20001109; DE 60004881 T 20001109; DK 00977649 T 20001109; EP 00977649 A 20001109; ES 00977649 T 20001109; FR 9914399 A 19991110; HR P20020401 A 20020508; NO 20022222 A 20020508; PL 35541400 A 20001109