

Title (en)

WINDOW OR FRENCH WINDOW WITH THERMAL BREAK HAVING CONCEALED OPERATING SASH(ES)

Title (de)

TÜR ODER FENSTER MIT VERDECKTEM FLÜGEL

Title (fr)

FENETRE OU PORTE-FENETRE A FRAPPE A OUVRANT(S) CACHE(S)

Publication

EP 1129270 A1 20010905 (FR)

Application

EP 99947583 A 19991014

Priority

- FR 9902504 W 19991014
- FR 9813096 A 19981015
- FR 9903559 A 19990319

Abstract (en)

[origin: WO0022273A1] The invention concerns a window or French window having concealed operating sash(es) comprising an outer glazing (7) and an inner glazing (9). The zone (Z) between said glazing panels communicates with the window outside part through a passage in the window case (1) and orifices (13) in the operating sash (4). A sealing pipe or duct can be interposed in the space between the case and the opening sash at the communicating orifices, which pipe consists for example of plastic parts (16, 17) whereof one is integral with the case and the other with the operating sash with sealing contact between the two. Preferably, the space between the outer glazing (7) and the inner glazing (9) is sufficient for housing a masking device such as a blind with blades or the like. Moreover, the opening sash (4) can consist of two modules assembled in the zone between the glazing panels: an inner module (140) bearing the inner glazing (9) and an outer module (141) bearing the outer glazing (7); the outer module is provided with communicating orifices and is fixed on said inner module, supported on the window case (1) fixed frame (5).

IPC 1-7

E06B 3/30

IPC 8 full level

E06B 3/26 (2006.01); **E06B 3/263** (2006.01); **E06B 3/30** (2006.01); **E06B 3/64** (2006.01); **E06B 3/677** (2006.01); **E06B 7/10** (2006.01);
E06B 7/23 (2006.01); **E06B 9/264** (2006.01); **E06B 3/36** (2006.01)

CPC (source: EP ES)

E06B 3/2605 (2013.01 - EP ES); **E06B 3/26341** (2013.01 - EP ES); **E06B 3/308** (2013.01 - EP ES); **E06B 3/64** (2013.01 - EP ES);
E06B 3/677 (2013.01 - EP ES); **E06B 7/10** (2013.01 - EP ES); **E06B 7/2307** (2013.01 - EP); **E06B 9/264** (2013.01 - EP);
E06B 3/362 (2013.01 - EP)

Cited by

US10132114B2; EP2626496A1; WO2013117320A1; US9810016B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0022273 A1 20000420; WO 0022273 A9 20010531; WO 0022273 A9 20020822; AT E301233 T1 20050815; AU 6097799 A 20000501;
CH 693858 A5 20040315; DE 69926528 D1 20050908; DE 69926528 T2 20060601; EP 1129270 A1 20010905; EP 1129270 B1 20050803;
ES 2219136 A1 20041116; ES 2219136 B1 20060201; ES 2246580 T3 20060216; FR 2784709 A1 20000421

DOCDB simple family (application)

FR 9902504 W 19991014; AT 99947583 T 19991014; AU 6097799 A 19991014; CH 7272001 A 19991014; DE 69926528 T 19991014;
EP 99947583 A 19991014; ES 200150029 A 19991014; ES 99947583 T 19991014; FR 9903559 A 19990319