

Title (en)

DOOR, WINDOW OR THE LIKE WITH A WING MADE OF METAL OR PLASTICS PROFILES

Publication

EP 0283659 B1 19930310 (DE)

Application

EP 88100999 A 19880125

Priority

- DE 3710056 A 19870327
- DE 3738300 A 19871111

Abstract (en)

[origin: DE3710056A1] In a wing frame 1 of windows, doors or the like which is composed of metal or plastic profiles, the actuating mechanism 10 for an espagnolette 9 is accommodated in such a way that it requires, in front of an undercut profiled guide channel 5 for the espagnolette 9, only an installation space 22 which corresponds to a fraction of the maximum cross-sectional height 23 of the mechanism housing 13. For this purpose, the bottom 8 of the guide channel 5 is provided with a perforation 27, through which the housing portion 15 supporting the pinion 14 of the actuating mechanism 10 can be guided. <IMAGE>

IPC 1-7

E05C 9/12

IPC 8 full level

E05C 9/02 (2006.01); **E05C 9/12** (2006.01); **E05C 9/22** (2006.01)

CPC (source: EP US)

E05C 9/021 (2013.01 - EP US); **Y10S 292/53** (2013.01 - EP US); **Y10T 292/0843** (2015.04 - EP US); **Y10T 292/0966** (2015.04 - EP US); **Y10T 292/1018** (2015.04 - EP US)

Cited by

US4930325A; EP0674071A1; US5044677A; US4998757A; EP0364704A3; DE3835835A1; US4986028A; EP0945573A3; WO0045018A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0283659 A2 19880928; **EP 0283659 A3 19890628**; **EP 0283659 B1 19930310**; **EP 0283659 B2 19960103**; DE 3710056 A1 19881006; DE 3710056 C2 19950420; DE 3710056 C3 19971009; DE 3738300 A1 19890810; DE 3738300 C2 19951214; DE 3878950 D1 19930415; DK 163788 A 19880928; DK 163788 D0 19880325; ES 2039483 T3 19931001; US 4848811 A 19890718

DOCDB simple family (application)

EP 88100999 A 19880125; DE 3710056 A 19870327; DE 3738300 A 19871111; DE 3878950 T 19880125; DK 163788 A 19880325; ES 88100999 T 19880125; US 15062488 A 19880201