

Title (en)  
A universal espagnolette handle for door and window fixtures.

Title (de)  
Mehrzweckhandhabe für Treibstangenbaubeschlag.

Title (fr)  
Poignée universelle de ferrure à crémone pour portes et fenêtres.

Publication  
**EP 0446566 A1 19910918 (EN)**

Application  
**EP 90830573 A 19901207**

Priority  
IT 339190 A 19900314

Abstract (en)  
The handle features a flange or casing (1) in which the screw holes (11) enabling attachment to the sash of a door/window fixture are arranged in pairs of dissimilar distance between centres either side of a transverse axis (x) and ordered asymmetrically in relation to the longitudinal median axis (y) of the handle according to their spacing and diameter; the casing (1) also affords a pair of slots (13) disposed mutually parallel on either side of the usual centre pinion (6), serving to accommodate sliding racks (5a, 5b) of which the reverse sides offer pairs of flat seatings (14) shaped to receive a matching lug (7) integral with each of the two pins (4a, 4b) that operate the espagnolette catch rods. <IMAGE>

IPC 1-7  
**E05C 9/04**

IPC 8 full level  
**E05C 9/04** (2006.01); **E05C 9/12** (2006.01); **E05B 9/08** (2006.01); **E05B 35/00** (2006.01); **E05B 63/04** (2006.01)

CPC (source: EP)  
**E05C 9/041** (2013.01); **E05B 9/08** (2013.01); **E05B 35/008** (2013.01); **E05B 63/04** (2013.01)

Citation (search report)  
[A] DE 3445170 A1 19850912 - ERRETI SRL [IT]

Cited by  
WO2017103310A1; EA009315B1; EP0668427A1; EP1422363A3; EP1103684A1; CN110924770A; EP1036899A3; EP0801195A1; EP0711890A3; US5509703A; EP1433913A3; GR1003063B; FR2736085A1; US5722269A; EP0491133A1; EP2386703A1; ITMI20100837A1; CN103938957A; WO2015178771A1; WO2015198171A1; WO2006018114A1; WO9520089A3; WO2008068603A3; US11933069B2; EP1036899A2; US6443505B1; WO2015198170A1; WO2020173523A1

Designated contracting state (EPC)  
AT DE ES FR GB GR

DOCDB simple family (publication)  
**EP 0446566 A1 19910918; EP 0446566 B1 19940216**; AT E101680 T1 19940315; DE 69006718 D1 19940324; DE 69006718 T2 19940601; ES 2050417 T3 19940516; GR 930300013 T1 19930420; IT 1238270 B 19930712; IT 9003391 A1 19910915

DOCDB simple family (application)  
**EP 90830573 A 19901207**; AT 90830573 T 19901207; DE 69006718 T 19901207; ES 90830573 T 19901207; GR 930300013 T 19930428; IT 339190 A 19900314