

Title (en)

Operating handle for a folding/sliding door

Title (de)

Bedienungsgriff für eine Falt- und Schiebetür

Title (fr)

Poignée pour porte pliable et coulissante

Publication

EP 2213816 A3 20180110 (EN)

Application

EP 10151880 A 20100128

Priority

- GB 0901377 A 20090128
- GB 0903779 A 20090305
- GB 0922406 A 20091222

Abstract (en)

[origin: EP2213816A2] This invention relates to an operating handle (20; 120; 220) for a folding/sliding door (1, 2, 3). The operating handle has a mounting part (42; 142; 242) by which it may be secured to a part of the folding/sliding door in use, and a handle part (22; 122; 222) which is mounted upon the mounting part. The handle part is movable relative to the mounting part between a storage position and an operating position. The handle part is engageable with an operating shaft (32; 132) which in use engages a locking mechanism of the folding/sliding door. The handle part has a manually-grippable part (24; 124; 224) which extends to opposed sides of the operating shaft, permitting a balanced (or substantially balanced) force to be applied to the operating shaft, thereby avoiding the requirement for a separate grab handle.

IPC 8 full level

E05B 5/00 (2006.01); **E05B 1/00** (2006.01)

CPC (source: EP)

E05B 1/0092 (2013.01); **E05B 5/003** (2013.01); **E05B 65/0085** (2013.01); **E05B 65/008** (2013.01)

Citation (search report)

- [X] EP 0485767 A1 19920520 - WEIDTMANN WILHELM KG [DE]
- [X] DE 20113035 U1 20011031 - ABB PATENT GMBH [DE]
- [X] JP S63146058 U 19880927
- [X] JP S6285647 U 19870601
- [X] GB 1179412 A 19700128 - WEST ALLOY DIECASTINGS
- [X] US 4689976 A 19870901 - LARSEN MARVIN L [US]
- [X] DE 29709115 U1 19980917 - ROETTGERDING MICHAEL [DE]
- [X] US 7398664 B1 20080715 - WEINERMAN LEE S [US], et al
- [A] FR 2811005 A1 20020104 - FERCO INT USINE FERRURES [FR]

Cited by

CN114251030A; FR3023570A1; DE102019100688A1; EP2554768A1; FR2978785A1; GB2510471A; GB2510471B; FR3124536A1; CN103850523A; GB2510470A; GB2510470B; LU101397B1; EP2937496A1; EP3754136A1; EP4108856A1

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DOCDB simple family (publication)

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