

Title (en)
A lifting device for a roof window

Title (de)
Hebevorrichtung für ein Dachfenster

Title (fr)
Dispositif de levage pour un fenêtre de toit

Publication
EP 1764453 A1 20070321 (EN)

Application
EP 05388078 A 20050915

Priority
EP 05388078 A 20050915

Abstract (en)
A lifting device (1) for a top hung roof window, said device comprising a lifting arm (2) having a first end (3) connectable to a sash or frame element of said window, and a second end (4) pivotally connected to a slide block (5) adapted for slidable engagement with an opposite frame or sash element, the slide block (5) being in turn connected to a primary biasing means (6) arranged to urge the slide block (5) in a first direction. To provide a lifting device, which can provide a large opening to a roof window for rescue purposes, the lifting arm (2) is extendable and comprises a secondary biasing means (7) urging to extend the lifting arm (2).

IPC 8 full level
E04D 13/035 (2006.01); **E05D 15/44** (2006.01); **E05F 1/00** (2006.01)

CPC (source: EP)
E04D 13/0354 (2013.01); **E05D 13/00** (2013.01); **E05D 15/44** (2013.01); **E05F 1/006** (2013.01); **E05D 13/1207** (2013.01); **E05D 13/123** (2013.01); **E05F 1/1058** (2013.01); **E05F 1/1091** (2013.01); **E05Y 2201/422** (2013.01); **E05Y 2201/426** (2013.01); **E05Y 2201/686** (2013.01); **E05Y 2800/746** (2013.01); **E05Y 2900/152** (2013.01)

Citation (applicant)
EP 0733146 B1 19970611 - RASMUSSEN KANN IND AS [DK]

Citation (search report)
• [XAY] DE 2407586 B1 19750612 - BRAAS & CO GMBH
• [DYA] EP 0733146 A1 19960925 - RASMUSSEN KANN IND AS [DK]
• [YA] EP 0430721 A2 19910605 - COLT INT LTD [GB]
• [A] WO 03018946 A1 20030306 - VKR HOLDING AS [DK], et al
• [A] US 5615522 A 19970401 - TOMANEK HARALD [DE]

Cited by
CN112049335A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1764453 A1 20070321; CN 101263272 A 20080910; CN 101263272 B 20121003; EA 012401 B1 20091030; EA 200800828 A1 20080630; EP 1924752 A1 20080528; EP 1924752 B1 20160309; ES 2567635 T3 20160425; HU E028281 T2 20161228; JP 2009508024 A 20090226; JP 5059009 B2 20121024; PL 1924752 T3 20160831; WO 2007031094 A1 20070322

DOCDB simple family (application)
EP 05388078 A 20050915; CN 200680033679 A 20060914; DK 2006050042 W 20060914; EA 200800828 A 20060914; EP 06791481 A 20060914; ES 06791481 T 20060914; HU E06791481 A 20060914; JP 2008530332 A 20060914; PL 06791481 T 20060914