

Title (en)
An openable window with a lock

Title (de)
Öffenbares Fenster mit einem Schloss

Title (fr)
Fenêtre ouvrable avec verrou

Publication
EP 2674544 A1 20131218 (EN)

Application
EP 13001070 A 20130304

Priority
• EP 12004448 A 20120613
• EP 13001070 A 20130304

Abstract (en)
A window, such as a pivot- or bottom-hung roof window, with a window frame (2) and a sash (1) pivotally hung to the window frame (2). A bolt (38) slidably and rotatably received in a cylinder (30) fixed in a through-going bore in a sash member. A keep (10) secured to a first side of a frame member. The keep (10) is provided with a front slot (11), a recess (4) behind the slot (11) and a rear wall (39) behind the recess. An anchoring member (15) connects the keep (10) to a second side of the frame member that is opposite to the first side of the frame member. The bolt (38) is movable inside the cylinder between a retracted position and an extended locking position wherein the engagement head (40) projects through the slot (11) when the sash (1) is in the closed position.

IPC 8 full level
E04D 13/035 (2006.01); **E05B 15/02** (2006.01); **E05B 17/20** (2006.01); **E05B 63/12** (2006.01); **E05C 5/02** (2006.01)

CPC (source: EP)
E04D 13/0354 (2013.01); **E05B 15/0205** (2013.01); **E05B 17/2084** (2013.01); **E05B 63/125** (2013.01)

Citation (applicant)
• EP 1537285 A1 20050608 - VKR HOLDING AS [DK]
• DE 4328330 A1 19940224 - RASMUSSEN KANN IND AS [DK]
• EP 2281984 A1 20110209 - VKR HOLDING AS [DK]

Citation (search report)
• [Y] US 5209018 A 19930511 - HEINRICH WILLIAM I [US]
• [Y] US 5205073 A 19930427 - LYONS SR ROBERT [US]
• [YA] DK 165422 B 19921123 - ANDERSEN NIELS KJELD, et al
• [A] US 3415086 A 19681210 - TRAINOR PATRICK M
• [A] AU 409366 B2 19701222
• [A] AU 7478381 A 19830310 - CHUBB & SONS LOCK & SAFE CO
• [A] DE 801812 C 19510125 - FABER CASTELL A W
• [AD] EP 1537285 A1 20050608 - VKR HOLDING AS [DK]

Citation (third parties)
Third party :
• DE 202012007099 U1 20121005 - OELER MANUELA [DE]
• US 1664820 A 19280403 - LEOPOLD HUGHES CHARLES

Cited by
CN113185097A; PL424878A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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