

Title (en)
Improvements in or relating to locks

Title (de)
Verbesserungen bei oder im Zusammenhang mit Schlössern

Title (fr)
Améliorations de ou associées aux verrous

Publication
EP 2500492 A1 20120919 (EN)

Application
EP 11155708 A 20110223

Priority
EP 11155708 A 20110223

Abstract (en)
Described herein is a lock assembly (100) that can be fitted to a tubular frame (10) and which cooperates with a keeper assembly (420) fitted to a post (65). The lock assembly (100) is compact in that it provides both a latch bolt (120) and a security member (125) that engages with a cavity (430) formed in the keeper assembly (420). The security member (125) performs three functions: to provide additional guidance for the latch bolt (120) as it extends into a lock body of the lock assembly (100), to prevent interference with the latch bolt (125) due to the minimal spacing provided around the security member (125) within the cavity (430) of the keeper assembly (420) and to limit the closing movement of the door or gate by abutting against the keeper assembly.

IPC 8 full level
E05B 13/10 (2006.01); **E05B 15/00** (2006.01); **E05B 15/02** (2006.01); **E05B 65/00** (2006.01); **E05D 7/00** (2006.01)

CPC (source: EP)
E05B 13/108 (2013.01); **E05B 15/0006** (2013.01); **E05B 15/0205** (2013.01); **E05B 65/0007** (2013.01)

Citation (applicant)
• EP 1657383 B1 20080227 - TALPE JOSEPH [BE]
• EP 0963498 B1 20020731 - TALPE JOSEPH JR [BE]
• EP 1367198 B1 20050803 - TALPE JOSEPH JR [BE]
• US 5129693 A 19920714 - SCHMITT THOMAS [US]
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• GB 2189836 A 19871104 - SMITH W H & SONS
• FR 1484779 A 19670616 - RENAULT
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Citation (search report)
• [X] EP 1818483 A1 20070815 - DIMIBRUIT [FR]
• [A] FR 2871509 A1 20051216 - HORIZAL SOC PAR ACTIONS SIMPLI [FR]
• [A] GB 1130042 A 19681009 - RONALD HAROLD BAILEY
• [A] GB 1247637 A 19710929 - FORD MOTOR CO [GB]
• [A] CH 369042 A 19630430 - LECHNER RUDOLF [AT]

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

Designated extension state (EPC)
BA ME

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