

Title (en)  
DUAL LOCK ADAPTER MODULE

Title (de)  
DOPPELSCHLOSSADAPTERMODUL

Title (fr)  
MODULE ADAPTATEUR À DOUBLE SERRURE

Publication  
**EP 4361384 A1 20240501 (EN)**

Application  
**EP 22203218 A 20221024**

Priority  
EP 22203218 A 20221024

Abstract (en)  
A dual lock adapter module (2) configured to be mounted at a door, the adapter module (2) comprises a module housing (4) provided with at least two openings, a first opening (12), and a second opening (14), the first opening (12) leads to a first lock cylinder cavity (16), and the second opening (14) leads to a second lock cylinder cavity (18), within the module housing (4), wherein the first lock cylinder cavity (16) is configured to receive a first lock cylinder (20), and the second lock cylinder cavity (18) is configured to receive a second lock cylinder (22). The adapter module (2) also comprises a lock transfer mechanism (24) arranged within a mechanism cavity (25) in the module housing (4), and that said lock transfer mechanism (24) comprises a lock operating member (26) configured to operate a lock mechanism in the door when the adapter module (2) is mounted at a door, to set the lock mechanism in a locked state and in an unlocked state. The lock transfer mechanism (24) further comprises a first transfer member (28) and a second transfer member (30). A presumption to transfer a lock activity and an unlock activity by one of the first and second transfer members (28, 30) to the lock operating member (26), is that the other transfer member is in a neutral state. The lock operating member (26), the first and second transfer members (28, 30) comprise cogwheels arranged in a common plane, wherein the cogwheel of said lock operating member (26) is provided with cogs around its entire circumference, and the cogwheels of said first and second transfer members (28, 30) have a predetermined length of their entire circumferences not provided with cogs.

IPC 8 full level  
**E05B 17/04** (2006.01); **E05B 63/14** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)  
**E05B 17/042** (2013.01); **E05B 63/143** (2013.01); **E05B 2047/0086** (2013.01); **E05B 2047/0091** (2013.01)

Citation (applicant)  
• EP 0373399 A2 19900620 - ZEISS CARL FA [DE], et al  
• US 3203210 A 19650831 - CHECK MATHIAS M, et al  
• US 4069694 A 19780124 - RAYMOND JAMES W, et al

Citation (search report)  
• [XDI] US 4069694 A 19780124 - RAYMOND JAMES W, et al  
• [XI] US 474783 A 18920510  
• [XI] CN 87203432 U 19880323

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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