

Title (en)  
A DUAL-CYLINDER LOCK ASSEMBLY

Title (de)  
DOPPELZYLINDERSCHLOSSANORDNUNG

Title (fr)  
ENSEMBLE DE SERRURE À DOUBLE CYLINDRE

Publication  
**EP 4339402 A1 20240320 (EN)**

Application  
**EP 22196311 A 20220919**

Priority  
EP 22196311 A 20220919

Abstract (en)  
There is disclosed a dual cylinder lock assembly (1) arranged to restrict or prevent forcibly unlocking. A gear mechanism (14, 24, 34) is drivingly connected to a first lock cylinder (10) and a second lock cylinder (20) in such a way that a tailpiece (2) may be operated by turning either plug (12, 22). The gear mechanism (14, 24, 34) includes a displaceable gear (14; 34) which is displaceable, in a direction transversely relative to a rotational axis of the displaceable gear (14; 34), between a non-displaced normal position and at least one displaced position. A brake member (98a, 98b) is arranged to interact with the displaceable gear (14; 34) to rotationally brake or rotationally block the displaceable gear (14; 34) when the latter is in its displaced position.

IPC 8 full level  
**E05B 17/20** (2006.01)

CPC (source: EP)  
**E05B 17/042** (2013.01); **E05B 17/2019** (2013.01); **E05B 17/2038** (2013.01); **E05B 17/2092** (2013.01); **E05B 27/006** (2013.01); **E05B 35/10** (2013.01); **E05B 47/0649** (2013.01); **E05B 63/143** (2013.01); **E05B 2047/0086** (2013.01)

Citation (applicant)  

- US 474783 A 18920510
- US 3203210 A 19650831 - CHECK MATHIAS M, et al
- US 10253526 B2 20190409 - TRENT DOUGLAS E [US], et al
- EP 3733999 A1 20201104 - ASSA ABLOY OPENING SOLUTIONS SWEDEN AB [SE]
- SE 2021050298 W 20210401

Citation (search report)  

- [A] CN 114763724 A 20220719 - ZHUHAI UNITECH POWER TECH CO
- [A] DE 679951 C 19390819 - LUDWING BOEDDECKER
- [A] FR 2869933 A1 20051111 - PICARD SERRURES SOC PAR ACTION [FR]

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

Designated validation state (EPC)  
KH MA MD TN

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**EP 4339402 A1 20240320**; WO 2024061839 A1 20240328

DOCDB simple family (application)  
**EP 22196311 A 20220919**; EP 2023075678 W 20230918