

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
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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)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
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