

Title (en)
Lock assembly

Title (de)
Verriegelungsanordnung

Title (fr)
Ensemble de verrouillage

Publication
EP 2746497 A2 20140625 (EN)

Application
EP 13197992 A 20131218

Priority
US 201261738988 P 20121218

Abstract (en)
A lock assembly includes an exterior operator assembly having an exterior operator handle. An interior operator assembly has an interior operator handle having a mounting opening. An outer spindle is operatively coupled to a latch assembly, drivably coupled to the interior operator assembly, has a longitudinal bore, and is rotatable about a first axis. A coupling mechanism is drivably coupled to the outer spindle. A locking spindle assembly is rotatably received in the longitudinal bore and rotatable about the first axis, and is configured to selectively operate the coupling mechanism to drivably couple the exterior operator assembly to the outer spindle. A motor drive assembly includes a motor having a motor shaft. The motor is positioned inside the mounting opening of the interior operator handle. The motor shaft is drivably coupled to the locking spindle assembly to operate the coupling mechanism when the motor drive assembly is actuated.

IPC 8 full level
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CPC (source: EP KR)
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E05B 47/0012 (2013.01 - EP); **E05B 2047/0026** (2013.01 - EP); **E05B 2047/0086** (2013.01 - EP)

Cited by
CN106499267A; CN104612549A; CN114748843A; CN107700942A; CN108286370A; US11933092B2

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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