

Title (en)

A RECIPROCATING, SLIDING ENGAGEMENT MECHANISM FOR A WINDOW OR DOOR

Title (de)

HIN- UND HERGEHENDER, VERSCHIEBBARER VERRIEGELUNGSMECHANISMUS FÜR EIN FENSTER ODER EINE TÜR

Title (fr)

MÉCANISME DE VERROUILLAGE À MOUVEMENT VA ET VIENT COULISSANT POUR UNE FENÊTRE OU UNE PORTE

Publication

EP 4332334 A1 20240306 (EN)

Application

EP 23187469 A 20230725

Priority

GB 202212589 A 20220831

Abstract (en)

A reciprocating, sliding engagement mechanism for a window or door comprising at least one moveable leaf mounted relative to at least one fixed surround frame member and at least one actuator for locking or latching the at least one moveable leaf relative to the at least one fixed surround frame member, the mechanism comprising a first hook configuration face mounted relative to the at least one fixed surround frame member, and extending towards the at least one moveable leaf, a second hook configuration face mounted relative to the at least one moveable leaf, and extending towards the at least one fixed surround frame member, the second hook configuration slidably movable relative to the first hook configuration between a first position in which the first hook configuration and the second hook configuration are juxtaposed to secure the at least one moveable leaf relative to at least one fixed surround frame member and a second position in which the first hook configuration and the second hook configuration are separated from one another, by operation of the at least one actuator.

IPC 8 full level

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CPC (source: EP GB)

E05B 63/12 (2013.01 - EP GB); **E05C 9/063** (2013.01 - EP); **E05C 9/1808** (2013.01 - GB); **E05C 9/185** (2013.01 - EP GB); **E05C 9/22** (2013.01 - GB)

Citation (applicant)

- CN 213980379 U 20210817 - SHANGHAI XUNFU IND CO LTD
- CN 216197325 U 20220405 - GUANGDONG MINGYANG ELECTRICAL CO LTD

Citation (search report)

- [X] EP 1045095 A1 20001018 - UNILUX AG [DE]
- [X] GB 2310245 A 19970820 - GORDON IAN ALEXANDER [GB]
- [X] DE 10341601 A1 20050407 - WICONA BAUSYSTEME GMBH [DE]
- [X] FR 3035671 A1 20161104 - LAPEYRE [FR]
- [X] EP 0247280 A1 19871202 - SIEGENIA FRANK KG [DE]
- [X] GB 2531877 A 20160504 - MARK ZIMMER [GB]
- [X] DE 7833654 U1 19790215
- [X] WO 2019179548 A1 20190926 - SPASOVSKI MARJAN [DE]
- [X] EP 1340867 A1 20030903 - AVOCET HARDWARE PLC [GB]
- [X] EP 1574647 A1 20050914 - HEINRICH STRENGER GMBH [DE]

Designated contracting state (EPC)

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