

Title (en)

Locking device for a component closing an opening

Title (de)

Zuhaltung für ein Bauteil zum Verschliessen einer Öffnung

Title (fr)

Verrou pour un composant destiné à fermer une ouverture

Publication

EP 2343424 A3 20170510 (DE)

Application

EP 10015911 A 20101221

Priority

DE 102009060532 A 20091223

Abstract (en)

[origin: EP2343424A2] The guard control has a plunger (1) which is movably guided between a bolting and unbolting end positions. A movement performing drive (3) is provided for moving the plunger and a linear transmission element (4). The transmission element is movable in plunger moving direction by the drive. An intermediate energy storage (5) is provided between the transmission element and the plunger. The transmission element is linearly guided in a sliding manner on plunger. The transmission element is formed as a component having a toothing and surrounding the plunger.

IPC 8 full level

E05B 47/02 (2006.01); **E05B 15/04** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP)

E05B 15/004 (2013.01); **E05B 47/0012** (2013.01); **E05B 47/026** (2013.01); **E05B 2047/0016** (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0031** (2013.01); **E05B 2047/0084** (2013.01)

Citation (search report)

- [X] DE 4224909 A1 19930225 - FERCO INT USINE FERRURES [FR]
- [X] EP 0955432 A2 19991110 - SURELOCK MCGILL LIMITED [GB]
- [X] DE 102006004629 A1 20070809 - FAURECIA INNENRAUM SYS GMBH [DE]
- [X] FR 2816977 A1 20020524 - CHARLES GERARD [FR]

Cited by

DE102014102218A1; CN107140065A; EP3575517A1; EP4206427A1; US11572001B1; EP2910716A2; EP2910716B1

Designated contracting state (EPC)

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