

Title (en)

LOCK ASSEMBLY FOR LOCKING A DOOR WITH RESPECT TO A DOOR FRAME

Title (de)

VERRIEGELUNGSANORDNUNG ZUM VERRIEGELN EINER TÜR GEGENÜBER EINEM TÜRRAHMEN

Title (fr)

ENSEMBLE DE VERROUILLAGE POUR VERROUILLER UNE PORTE PAR RAPPORT À UN CADRE DE PORTE

Publication

EP 3101205 B1 20180502 (EN)

Application

EP 16161180 A 20160318

Priority

NL 2014901 A 20150601

Abstract (en)

[origin: EP3101205A1] The invention relates to a lock assembly comprising a biasing element for biasing the latch with a biasing force in an extension direction from a retracted position towards an extended position and a retaining element to retain the latch in the retracted position with a retaining force, wherein the lock assembly further comprises a first magnet with a first magnetic field that extends out of the housing at the front plate, wherein the first magnet is movable from a first position to a second position when the first magnet is attracted to a magnetic material in a door frame, wherein the first magnet is coupled to the latch to convert the movement of the first magnet into a displacement of the latch into a release position in which the biasing force exceeds the retaining force.

IPC 8 full level

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CPC (source: EP)

E05B 47/0038 (2013.01); **E05B 63/18** (2013.01); **E05B 63/20** (2013.01)

Cited by

CN107956320A; EP4031733A4; US2021317685A1; US11499344B2; SE1951087A1; CN114450457A; SE544846C2

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