

Title (en)

ELECTROMECHANICAL LOCK FOR A SLIDING DOOR SYSTEM

Title (de)

ELEKTROMECHANISCHES SCHLOSS FÜR EINE SCHIEBETÜRANLAGE

Title (fr)

SERRURE ÉLECTROMÉCANIQUE POUR UN SYSTÈME DE PORTE COULISSANTE

Publication

EP 3456909 A1 20190320 (EN)

Application

EP 17191383 A 20170915

Priority

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Abstract (en)

The invention relates to sliding door systems in general and particularly to locking and unlocking arrangements for sliding door systems. The electromechanical lock according to the present invention is designed for a sliding door system (1), said sliding door system (1) comprising a motor (10), an at least one sliding door (50) and an electromechanical motor lock (30), wherein said motor (10) is arranged for moving said sliding door (50), wherein said motor (10) comprises a motor axle drive end (13), (16), (18), said motor axle drive end (13), (16), (18) comprising end spurs (14), (15), (17), (19) protruding outwards from the motor axle drive end (13), (16), (18), and wherein said electromechanical motor lock (30) comprises a lock slider (33) and an electromagnet (32), said electromagnet (32) being arranged to operate a plunger (34) inside said electromagnet (32) for either sliding said lock slider (33) away from the motor axle drive end (13), (16), (18) to an unlocked position or sliding said lock slider (33) towards the motor axle drive end (13), (16), (18) for said lock slider (33) to engage between said end spurs (14), (15), (17), (19) of the motor axle drive end (13), (16), (18) to a locked position.

IPC 8 full level

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