

Title (en)
ELECTRICALLY OPERATED SLIDING DOOR

Publication
EP 0303163 B1 19930317 (DE)

Application
EP 88112577 A 19880803

Priority
DE 8710977 U 19870812

Abstract (en)
[origin: EP0303163A1] In a laterally sliding door, there is in the lower region of the door leaf (1) a longitudinal rail (4) with a chain or rack (5) which is held therein and into which engages a pinion (6) driven via a gear and an electric motor connected to this. The motor and gear are fastened to a supporting arm articulated pivotably parallel to the door-leaf plane on a fixed abutment. A supporting roller (7) engaging on the top side of the longitudinal rail (4) is held on the supporting arm. The fixed abutment is designed as a closed foot part (8) with upwardly projecting stays (9, 10) and with bearing lugs (10a) provided in these. In the lower region of the gear box (14) a projecting web (13) with a formed-on bearing sleeve (12) is cast on for the purpose of engagement between the bearing lugs of the foot part. A further bearing sleeve (16) is cast on the upper housing wall of the gear for the bearing axle (17) of the supporting roller (7). <IMAGE>

IPC 1-7
E05F 15/14

IPC 8 full level
E05F 15/14 (2006.01); **E05F 15/635** (2015.01); **E05F 15/641** (2015.01)

CPC (source: EP US)
E05F 15/635 (2015.01 - EP US); **E05F 15/641** (2015.01 - EP); **E05F 15/643** (2015.01 - US); **E05Y 2201/434** (2013.01 - EP); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2600/452** (2013.01 - EP); **E05Y 2900/40** (2013.01 - EP)

Cited by
EP1577479A1; AT405554B; NL2030633B1

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DE 8710977 U1 19881215; DE 3879316 D1 19930422; EP 0303163 A1 19890215; EP 0303163 B1 19930317

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