

Title (en)
ELECTRICALLY DRIVEN DOOR LOCK

Publication
EP 0320008 A3 19900425 (DE)

Application
EP 88120642 A 19881209

Priority
DE 3742153 A 19871211

Abstract (en)
[origin: EP0320008A2] The electromotively driven door lock has a bolt (29) which is guided displaceably in a lock case (7) and which is coupled in the two directions of movement, via a push-face mechanism (61, 63), to a control part (43) displaceable transversely relative to the direction of movement of the bolt (29). The control part (43) is driven by an electric motor (37) via a gearwheel mechanism (41) and a rack toothing (59) provided on the control part (43). The electric motor (37) can move the control part (43) beyond the position assigned to the drawn-in bolt (29) towards a latch (9) of the door lock, the control part (43) taking up the latch (9) in the drawing-in direction. For this part of its stroke, the control part (43) can be driven pivotably or else take up the latch (9) via a sloping-face mechanism or a deflecting angle lever. The follower (21) provided for the manual opening of the latch (9) takes up the control part in the drawing-in direction of the bolt (29) via take-up stops (81, 83), so that, if necessary, the door lock can also be released manually. <IMAGE>

IPC 1-7
E05B 47/00

IPC 8 full level
E05B 47/00 (2006.01)

CPC (source: EP)
E05B 47/0012 (2013.01); **E05B 2047/002** (2013.01); **E05B 2047/0024** (2013.01); **E05B 2047/003** (2013.01)

Citation (search report)
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• [A] GB 2000217 A 19790104 - PHILIPPSTHAL G
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