

Title (en)
CLOSURE SEQUENCE CONTROL DEVICE FOR A DOUBLE-WING DOOR

Publication
EP 0452710 B1 19930609 (DE)

Application
EP 91104718 A 19910326

Priority
DE 4012358 A 19900418

Abstract (en)
[origin: EP0452710A1] A closure sequence control device for a double-wing door comprising a standing wing 1 and a moving wing 2 is proposed. The door wings are each movable by a door closer 11, 21 acting in the closing direction and their closure sequence is controlled. In this arrangement, the door frame-side ends of the pivot arms 12, 22 of the door closers 11, 21 are displaceable by means of a respective sliding piece 14, 24 in a slideway 3 attached horizontally to the door frame. The moving wing-side sliding piece 24 can be fixed in the closing direction by means of a blocking device which is capable of being subjected to excess pressure in the event of an overload and is actuable by the standing wing 1 via an interposed control member 61, 62, 63 for the closure sequence control. In this arrangement, the control member is an axially fixed, rotatable, non-round bar, in particular a square bar, which is provided with an approximately centrically arranged transition piece 61 twisted by about 45 DEG and is received at one end 62 in a torsionally connected manner in the standing wing-side sliding piece 14 and which penetrates with the other end 63 through the moving wing-side sliding piece 24, in which is received the blocking device which is actuable via the rotation of the square bar to be brought about by the standing wing 1 for the closure sequence control upon displacement of the sliding piece 14. <IMAGE>

IPC 1-7
E05F 5/12

IPC 8 full level
E05F 5/12 (2006.01); **E05F 3/16** (2006.01)

CPC (source: EP)
E05F 5/12 (2013.01); **E05F 3/16** (2013.01); **E05F 3/227** (2013.01); **E05Y 2201/686** (2013.01); **E05Y 2900/132** (2013.01)

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