

Title (en)

Control device for the closure sequence, particularly for doors

Title (de)

Schliessfolge-Steuerungsvorrichtung, insbesondere für Türen

Title (fr)

Dispositif de commande de la séquence de fermeture, notamment pour portes

Publication

EP 0613989 B1 19981111 (DE)

Application

EP 94100833 A 19940121

Priority

DE 9303158 U 19930304

Abstract (en)

[origin: EP0613989A2] If a so-called through-passage leaf (2) and a fixed leaf (3) of a two-leaf door, with respectively rotatably mounted leaves, can be closed by means of a door closer (8) and (9) and the two leaves are provided with a leaf overhang, then the fixed leaf can only be opened if the through-passage leaf has previously been opened by a certain amount or to its full extent. Conversely, the fixed leaf can only be fully closed if the through-passage leaf is fixed in a partially open closure position which permits the overhang of the fixed leaf to be pivoted past the overhang of the through-passage leaf. The through-passage leaf is arrested in this partially open position with the aid of the closing-sequence control means, in that, via the opening movement of the fixed leaf, a piston (18) acting as stop element is brought into the movement path of a sliding roller (13) of the through-passage-leaf door-closer sliding arm (10). Said piston (18) is retained in the blocking position by means of a throughflow valve (56). The closing end movement of the fixed leaf (2) opens said valve (56) and a hydraulic block for the piston (18) is thus eliminated, with the result that the through-passage leaf can also close to the full extent. <IMAGE>

IPC 1-7

E05F 5/12

IPC 8 full level

E05F 5/12 (2006.01)

CPC (source: EP)

E05F 5/12 (2013.01); **E05Y 2900/132** (2013.01)

Cited by

CN106761116A; EP2489820A3; AT510907A1; AT510907B1; DE10026804C1; EP4202166A1; IT202100032294A1; EP3070246A1

Designated contracting state (EPC)

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