

Title (en)  
Check device for wings

Title (de)  
Hemmvorrichtung zur Feststellung von Flügeln

Title (fr)  
Dispositif d'arrêt pour ouvrant

Publication  
**EP 0681080 B1 19980114 (FR)**

Application  
**EP 95400793 A 19950410**

Priority  
FR 9405773 A 19940505

Abstract (en)  
[origin: EP0681080A1] The stop mechanism allows the door to be held in open and semi-open positions as it pivots about an axis (X-X') slightly inclined relative to the vertical. The stop consists of a first hollow piston (4) which can move inside a cylinder (3) along the axis of the hinge but cannot rotate. The piston supports the weight of the door and forms a compression chamber (7) with the base (31) of the cylinder which contains an incompressible fluid. A second piston (5) has a threaded portion (50) engaging with a threaded hole (40) in the hollow piston (4) and has its axis aligned with that of the hinge. The second piston is fixed to the door and descends as it rotates inside the hollow piston as the door is closed; its base (52) forms a second compression chamber (8) with the base (42) of the hollow piston, also containing an incompressible fluid and linked to the first chamber through a hole (43). <IMAGE>

IPC 1-7  
**E05F 3/20**

IPC 8 full level  
**E05F 3/20** (2006.01)

CPC (source: EP)  
**E05F 3/20** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/531** (2013.01)

Cited by  
EP1094185A1; FR2799787A1

Designated contracting state (EPC)  
DE GB IT

DOCDB simple family (publication)  
**EP 0681080 A1 19951108; EP 0681080 B1 19980114**; DE 69501423 D1 19980219; FR 2719623 A1 19951110; FR 2719623 B1 19960726

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