

Title (en)
Device for delayed activation of a valve

Title (de)
Vorrichtung zur verzögerten Betätigung eines Ventils

Title (fr)
Dispositif pour l'activation retardée d'une soupape

Publication
EP 0864338 B1 20030507 (DE)

Application
EP 98102502 A 19980213

Priority
DE 19710377 A 19970313

Abstract (en)
[origin: EP0864338A2] The delay time is adjustable through an electro-mechanically operated time-delay appliance consists of a motor-driven threaded spindle (16) with a non-rotary threaded nut (17), and a drive pin (18) operating a bolt (21). The delay appliance affects an opening element of the valve by means of a release which has a locking element which is released after the time-delay time has elapsed and operates the opening element. The bolt with the locking element, and the threaded spindle with the threaded nut are contained in a lidded housing (8). The threaded spindle leads through a side wall (10) in the housing and is connected to a motor flange-mounted on the housing. The locking element is joined to the release outside the housing.

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A62C 37/46

IPC 8 full level
F16K 31/04 (2006.01); **A62C 13/12** (2006.01); **A62C 37/46** (2006.01)

CPC (source: EP)
A62C 37/46 (2013.01)

Citation (examination)
DE 3827630 A1 19900222 - HOECHST AG [DE]

Cited by
EP1661603A1; EP1344553A1; GB2466659A; RU206745U1; SG112862A1; DE102004057144B4

Designated contracting state (EPC)
AT BE CH DE DK LI NL

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