

Title (en)
Valve closing mechanism

Title (de)
Ventil-Schliessmechanismus

Title (fr)
Mécanisme de fermeture de soupape

Publication
EP 1640593 A1 20060329 (DE)

Application
EP 04023070 A 20040928

Priority
EP 04023070 A 20040928

Abstract (en)
The valve closing mechanism has a motor with a rotating shaft, rotating part connected to the motor shaft, and operating part, which can rotate, and which is fitted eccentrically to the rotating part via a spring. The eccentricity is such that when the rotating part is turned in the closing direction, the mounting turns the same way.

IPC 8 full level
F02M 25/07 (2006.01); **F16K 31/04** (2006.01)

CPC (source: EP)
F02M 26/54 (2016.02)

Citation (search report)
• [E] EP 1462643 A1 20040929 - COOPER STANDARD AUTOMOTIVE D [DE]
• [X] EP 1331381 A2 20030730 - EATON CORP [US]
• [X] US 2003056835 A1 20030327 - GAGNON FREDERIC [US]

Cited by
US8353274B2; EP2025910A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1640593 A1 20060329

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EP 04023070 A 20040928