

Title (en)

Device for working a throttle valve

Title (de)

Einrichtung zur Betätigung wenigstens einer Drosselklappe

Title (fr)

Dispositif pour actionner une vanne à papillon

Publication

**EP 1479891 A3 20041222 (DE)**

Application

**EP 04010806 A 20040504**

Priority

DE 10323121 A 20030522

Abstract (en)

[origin: EP1479891A2] The device has an actuator such as a throttle grip (102), at least one choke flap coupled to it and pivotable through an actuating angle and a mechanical conversion device (100) in the transmission path between the actuating device and the choke flap(s) for producing a progressive transmission ratio, at least in a lower load region. The mechanical conversion device contains a lifting element (114) joined to the choke flap and a cam plate (108) that interacts with it and that is operated by the actuating device..

IPC 1-7

**F02D 11/02**; **F02D 11/04**

IPC 8 full level

**F02D 11/02** (2006.01); **F02D 11/04** (2006.01); **F02M 19/12** (2006.01); **F02D 9/02** (2006.01)

CPC (source: EP)

**F02D 11/02** (2013.01); **F02D 11/04** (2013.01); **F02M 19/12** (2013.01); **F02D 2009/0261** (2013.01)

Citation (search report)

- [XY] GB 1133721 A 19681113 - SMITHS INDUSTRIES LTD
- [XY] US 5239891 A 19930831 - STOCKER RAYMOND [US]
- [X] DE 3329791 A1 19850228 - VDO SCHINDLING [DE]
- [YA] US 4411845 A 19831025 - TANAHASHI TOSHIO [JP], et al
- [Y] EP 0536826 A1 19930414 - GEN MOTORS CORP [US]

Cited by

JP2017160810A; EP2177737A3; US9897014B2

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 1479891 A2 20041124**; **EP 1479891 A3 20041222**; **EP 1479891 B1 20060719**; DE 10323121 A1 20041216; DE 502004000975 D1 20060831

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