

Title (en)

Actuator for adjusting at least one flap in a combustion machine

Title (de)

Stellvorrichtung zur Verstellung zumindest einer Klappe in einer Verbrennungskraftmaschine

Title (fr)

Dispositif de réglage destiné au réglage d'au moins un clapet dans un moteur à combustion interne

Publication

EP 1865173 A3 20080319 (DE)

Application

EP 07105249 A 20070329

Priority

DE 102006026446 A 20060607

Abstract (en)

[origin: EP1865173A2] The adjusting device has a housing (1), a gearing unit is located in the housing. A drive motor is located in the housing and a lid (22) located to close the housing. A stamped grid has conductors (19) located to electrically connect the drive motor and other electrical and electronic components (20). The stamped grid has plastic-sheathed conductor sections in the lid and non-sheathed conductor sections (23) that serve as a hinge for opening and closing of the lid relative to the housing.

IPC 8 full level

F02D 11/10 (2006.01)

CPC (source: EP US)

F02D 9/107 (2013.01 - EP US); **F02D 11/10** (2013.01 - EP US); **F02D 9/108** (2013.01 - EP US); **F02D 2400/18** (2013.01 - EP US)

Citation (search report)

- [A] US 2003196640 A1 20031023 - SAITO YASUO [JP], et al
- [A] EP 1304465 A1 20030423 - ALPS ELECTRIC CO LTD [JP]
- [A] DE 19800707 A1 19990715 - MANNESMANN VDO AG [DE]

Cited by

DE102019204291A1; DE102019204290A1; US11742729B2; US11557942B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1865173 A2 20071212; **EP 1865173 A3 20080319**; **EP 1865173 B1 20081210**; AT E417194 T1 20081215; DE 102006026446 A1 20071213; DE 102006026446 B4 20090226; DE 502007000283 D1 20090122; US 2007283923 A1 20071213

DOCDB simple family (application)

EP 07105249 A 20070329; AT 07105249 T 20070329; DE 102006026446 A 20060607; DE 502007000283 T 20070329; US 75971507 A 20070607