

Title (en)

VALVE HAVING A THROTTLE FLAP ARRANGED IN A THROTTLE FLAP CONNECTOR

Title (de)

VENTIL MIT EINER DROSSELKLAPPE, DIE IN EINEM DROSSELKLAPPENVERBINDER ANGEORDNET IST

Title (fr)

SOUPAPE COMPRENANT UN CLAPET D'ÉTRANGLEMENT DISPOSÉ DANS UN CONNECTEUR DE CLAPET D'ÉTRANGLEMENT

Publication

EP 3401534 B1 20200708 (EN)

Application

EP 17465521 A 20170510

Priority

EP 17465521 A 20170510

Abstract (en)

[origin: EP3401534A1] The invention relates to a valve for regulating a flow cross section in a throttle flap connector, having a throttle flap which is mounted in the throttle flap connector so as to be rotatable about an axis of rotation, wherein the throttle flap is rotatable about the axis of rotation, by means of an actuator which acts on the throttle flap, counter to a force generated by a mechanical spring, wherein the throttle flap, in at least a first position, is fixable in said first position by means of a magnet device (4, 5), wherein the magnet device (4, 5) is formed by a permanent magnet (4) and a magnetic counterpart (5), wherein the permanent magnet (4) is arranged in the housing (1) of the throttle flap connector and the magnetic counterpart (5) is arranged on an element (2) which is rotatable with the throttle flap.

IPC 8 full level

F02D 9/10 (2006.01); **F02D 11/10** (2006.01)

CPC (source: EP)

F02D 9/1065 (2013.01); **F02D 11/04** (2013.01); **F02D 11/107** (2013.01); **F02D 2009/0298** (2013.01)

Cited by

EP3633248A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3401534 A1 20181114; **EP 3401534 B1 20200708**; WO 2018206687 A1 20181115

DOCDB simple family (application)

EP 17465521 A 20170510; EP 2018062086 W 20180509