

Title (en)

Choke valve device for an internal combustion engine

Title (de)

Drosselklappenvorrichtung für einen Verbrennungsmotor

Title (fr)

Etrangleur pour un moteur à combustion

Publication

**EP 2568147 B1 20180321 (DE)**

Application

**EP 12177784 A 20120725**

Priority

DE 102011112844 A 20110912

Abstract (en)

[origin: EP2568147A1] The butterfly valve device (2) has housing (4) whose interior is formed with a through-flow fluid channel (6). The cross-section of the through-flow fluid channel through a flap portion is determined. The flap portion is located on a flap shaft and is supported and rotated in the housing at a bearing point. A position unit (10) is provided for driving the flap shaft and for providing a limited number of positions for the flap portion.

IPC 8 full level

**F02D 9/10** (2006.01)

CPC (source: EP)

**F02D 9/1065** (2013.01); **F02D 9/107** (2013.01); **F02D 9/105** (2013.01); **F02D 9/108** (2013.01); **F02D 2009/0203** (2013.01); **F02D 2009/0213** (2013.01); **F02D 2009/0261** (2013.01)

Citation (examination)

DE 3128783 A1 19820513 - NISSAN MOTOR [JP]

Cited by

CN106246359A; EP3617567A1; 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)

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