

Title (en)

VALVE UNIT FOR AN EXHAUST GAS RECIRCULATION UNIT

Title (de)

VENTILEINRICHTUNG FÜR EINE ABGASRÜCKFÜHRUNGSEINRICHTUNG

Title (fr)

SYSTÈME DE SOUPAPE POUR UN SYSTÈME DE RECIRCULATION DES GAZ D'ÉCHAPPEMENT

Publication

**EP 2212539 B1 20120208 (DE)**

Application

**EP 08871472 A 20081211**

Priority

- EP 2008010496 W 20081211
- DE 102008005591 A 20080122

Abstract (en)

[origin: US8065992B2] A valve arrangement is provided for an exhaust gas recirculation device of an internal-combustion engine. The engine has at least one inlet and at least one outlet. The recirculation device includes an inlet on the internal-combustion engine outlet side, an outlet on the internal-combustion engine inlet side, and several, particularly two flow paths extending between the inlet and the outlet and being parallel at least in areas. The valve arrangement has a first control element and a second control element for automatically regulating/controlling fluid flow flowing between the inlet and the outlet and automatically regulating/controlling the distribution of this fluid flow between the several flow paths. A common actuator is provided for operating the first control element as well as the second control element.

IPC 8 full level

**F02M 25/07** (2006.01)

CPC (source: EP US)

**F02M 26/26** (2016.02 - EP US); **F02M 26/54** (2016.02 - EP US); **F02M 26/67** (2016.02 - EP US); **F02M 26/05** (2016.02 - EP US)

Cited by

EP2187032A3

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**US 2011023838 A1 20110203**; **US 8065992 B2 20111129**; AT E544945 T1 20120215; CN 101896713 A 20101124; CN 101896713 B 20130522; DE 102008005591 A1 20090723; EP 2212539 A1 20100804; EP 2212539 B1 20120208; WO 2009092422 A1 20090730

DOCDB simple family (application)

**US 83167010 A 20100707**; AT 08871472 T 20081211; CN 200880119999 A 20081211; DE 102008005591 A 20080122; EP 08871472 A 20081211; EP 2008010496 W 20081211