

Title (en)

Exhaust brake and pressure modulation valve.

Title (de)

Auspuffbremse und druckregulierendes Ventil.

Title (fr)

Frein d'échappement et vanne de modulation de pression.

Publication

**EP 0578373 A1 19940112 (EN)**

Application

**EP 93304438 A 19930608**

Priority

GB 9212230 A 19920609

Abstract (en)

An exhaust brake valve comprises a body (10) having a butterfly (13) pivotable therein. The butterfly spindle (14) is offset from the axis of symmetry of the body (10). A radially inwardly directed internal projection (31) provides a seat for the butterfly in the closed condition, and for small butterfly openings gives a gas escape path of larger area than if the butterfly (13) were pivotable in a plain bore. <IMAGE>

IPC 1-7

**F02D 9/06**

IPC 8 full level

**F02D 9/06** (2006.01)

CPC (source: EP)

**F02D 9/06** (2013.01)

Citation (search report)

- [X] FR 1472588 A 19670310
- [Y] WO 9208887 A1 19920529 - WABCO AUTOMOTIVE UK [GB]
- [A] US 2744510 A 19560508 - TYLER EDWARD P, et al
- [A] FR 2441062 A1 19800606 - GORIZIANE SP OFF MEC [IT]

Cited by

US6193214B1; EP0738828A1; US5660152A

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**EP 0578373 A1 19940112; EP 0578373 B1 19961016**; DE 69305437 D1 19961121; DE 69305437 T2 19970327; GB 9212230 D0 19920722

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