

Title (en)

Nozzle valve for a combustion engine with electrohydraulic valve control

Title (de)

Drosselventil für eine Brennkraftmaschine mit elektrohydraulischer Ventilsteuerung

Title (fr)

Valve d'étranglement pour un moteur à combustion interne doté d'une commande de soupape hydroélectrique

Publication

**EP 2009255 B1 20100915 (DE)**

Application

**EP 08156892 A 20080526**

Priority

DE 102007030215 A 20070629

Abstract (en)

[origin: EP2009255A1] The throttle valve (16) has electrohydraulic valve control for variable actuation of a gas exchange valve subjected to spring force in closing direction. A valve body is provided with lift movement in flow direction that is arranged between a fixed slave chamber-side abutment surface (29) and a fixed master chamber-side abutment surface (30) running in a secondary current path. The throttle cross section is formed by one or multiple bead-shaped indentations (40) in the master chamber-side abutment surface.

IPC 8 full level

**F01L 1/16** (2006.01); **F01L 9/10** (2021.01)

CPC (source: EP)

**F01L 1/16** (2013.01); **F01L 9/10** (2021.01)

Cited by

KR20160117465A; US9920664B2; US9267397B2; WO2015117603A1; WO2012110120A1

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DE FR GB IT SE

DOCDB simple family (publication)

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