

Title (en)

SYSTEM FOR ACTUATION OF AN INTAKE VALVE OF AN INTERNAL COMBUSTION ENGINE

Title (de)

SYSTEM ZUR BETÄTIGUNG EINES EINLASSVENTILS EINER BRENNKRAFTMASCHINE

Title (fr)

SYSTÈME POUR ACTIONNER UNE SOUPAPE D'ADMISSION D'UN MOTEUR À COMBUSTION INTERNE

Publication

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Application

EP 21168009 A 20210413

Priority

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Abstract (en)

[origin: EP4074945A1] An actuation system for actuating an intake valve associated with a cylinder of an internal combustion engine comprises a slave piston (21) that operates the intake valve (7) and that is hydraulically controlled by means of a volume of pressurized fluid (C) by a master piston (16) operated by a first cam (14A) of a camshaft (11). A control valve (24) controls the communication between the volume of pressurized fluid (C) and an environment at lower pressure to which a fluid accumulator is connected (270). The control valve (24) is mechanically controlled by a second cam (14B) that is carried by the camshaft (11) and that has the sole function of controlling the control valve (24).

IPC 8 full level

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CPC (source: EP)

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