

Title (en)

Pressure controlled valve for a piston cooling nozzle

Title (de)

Drucksteuerventil für eine Kolbenkühlungsdüse

Title (fr)

Clapet à fuite contrôlée pour gicleur de refroidissement de piston

Publication

EP 1728981 A3 20080820 (FR)

Application

EP 06356049 A 20060426

Priority

FR 0504702 A 20050502

Abstract (en)

[origin: EP1728981A2] The device has detachable valve nozzles (8a-8d) including a valve body with an upstream segment that is fitted axially into a bore of an engine along axial direction of penetration. A valve (21) is opened when upstream pressure of fluid is greater than a threshold pressure. The valve has a closure unit comprising a movable blocking component moves in a compartment for blocking an opening of a seat. The movable blocking component moves away from the seat.

IPC 8 full level

F01M 1/08 (2006.01); **F01M 1/16** (2006.01); **F01P 3/08** (2006.01)

CPC (source: EP KR US)

F01M 1/08 (2013.01 - EP KR US); **F01M 1/16** (2013.01 - EP US); **F01P 3/08** (2013.01 - EP KR US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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EP 06356049 A 20060426; AU 2006201807 A 20060501; BR PI0601570 A 20060502; CA 2544956 A 20060426; CN 200610078515 A 20060508; DE 06356049 T 20060426; ES 06356049 T 20060426; FR 0504702 A 20050502; JP 2006123845 A 20060427; KR 20060039550 A 20060502; US 41629206 A 20060502