

Title (en)

Cooling nozzle for a hot spot of a piston of an internal combustion engine for a motor car

Title (de)

Kühlungsdüse für die Heissstelle eines Kolbens einer Kraftfahrzeugbrennkraftmaschine

Title (fr)

Gicleur de refroidissement d'un point chaud d'un piston de moteur de véhicule automobile ou analogue

Publication

EP 1591640 B1 20090415 (FR)

Application

EP 05290843 A 20050418

Priority

FR 0404608 A 20040429

Abstract (en)

[origin: EP1591640A1] The nozzle has connection body (5) defining a fluidic duct (6) whose one end is connected to an outlet of a traversing bore of a connection chuck (1), and another end to a supply inlet (9) of a propelling nozzle (8). A sealing gasket (12) mounted around the chuck cooperates with a side wall of an engine block, when the chuck is plugged in block's orifice for sealed passage between chuck's outer side wall and orifice's inner wall.

IPC 8 full level

F01P 3/08 (2006.01)

CPC (source: EP)

F01P 3/08 (2013.01); **F05C 2225/00** (2013.01)

Cited by

DE102011077506A1; EP3415736A1; US11506110B2; WO2021236360A1

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DOCDB simple family (publication)

EP 1591640 A1 20051102; **EP 1591640 B1 20090415**; AT E428848 T1 20090515; DE 602005013845 D1 20090528; FR 2869641 A1 20051104; FR 2869641 B1 20060714

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