

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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**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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