

Title (en)
Push-in oil cooling nozzle

Title (de)
Aufsteckbare Kühlungsöldüse

Title (fr)
Gicleur de refroidissement à emmanchement

Publication
EP 0785344 B1 20020904 (FR)

Application
EP 97420004 A 19970108

Priority
FR 9600698 A 19960118

Abstract (en)
[origin: EP0785344A1] The cooling jet consists of a body (7) with an axial channel (8) and a transverse aperture (9) to which its outlet duct (10) is connected. The body is designed to be fixed into the engine cylinder wall so that its axial channel links with a coolant fluid feed port (15). The body of the jet comprises a cylindrical bush (14) which lies coaxially with the axial channel (8) and has an outer diameter designed to give a force fit in the fluid feed port (15). Its outer surface can be milled or smooth. The injection duct (10) has two opposite lateral faces which are able to co-operate with positioning stops during manufacture and assembly.

IPC 1-7
F01P 3/08

IPC 8 full level
F01P 3/08 (2006.01)

CPC (source: EP)
F01P 3/08 (2013.01)

Cited by
DE102004049174B4; DE102005006439B4; EP1591640A1; FR2869641A1; EP1653060A1

Designated contracting state (EPC)
AT BE DE ES FR GB IT PT

DOCDB simple family (publication)
EP 0785344 A1 19970723; EP 0785344 B1 20020904; AT E223557 T1 20020915; DE 69715055 D1 20021010; DE 69715055 T2 20030430; DE 785344 T1 19980129; ES 2183109 T3 20030316; FR 2743847 A1 19970725; FR 2743847 B1 19980227; HK 1001410 A1 19980619; PT 785344 E 20030131

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EP 97420004 A 19970108; AT 97420004 T 19970108; DE 69715055 T 19970108; DE 97420004 T 19970108; ES 97420004 T 19970108; FR 9600698 A 19960118; HK 98100228 A 19980112; PT 97420004 T 19970108