

Title (en)
HEAT PROTECTIVE JACKET

Title (de)
WÄRMESCHUTZHÜLSE

Title (fr)
GAINE DE PROTECTION THERMIQUE

Publication
EP 0941399 B1 20030115 (DE)

Application
EP 98943654 A 19980708

Priority
• DE 9801888 W 19980708
• DE 19743103 A 19970930

Abstract (en)
[origin: DE19743103A1] The invention relates to a heat protective jacket (11) for a fuel injection valve (5) which can be inserted in a locating hole (2) of the cylinder head (1) of an internal combustion engine. Said jacket has a body (12) which at least partially surrounds the nozzle body (9) of the fuel injection valve (5). The injection side (18) of the jacket body (12) exhibits an inclined segment (19), where said jacket body (12) has two layers, and a conical segment (20) which is tapered in the direction of the injection end (18) and which tightly fits into a tapered section (10) of the valve body (2) when mounted.

IPC 1-7
F02M 53/04

IPC 8 full level
F02M 53/04 (2006.01); **F02M 61/14** (2006.01)

CPC (source: EP US)
F02M 53/04 (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 19743103 A1 19990401; DE 59806934 D1 20030220; EP 0941399 A1 19990915; EP 0941399 B1 20030115; JP 2001508520 A 20010626; US 6196195 B1 20010306; WO 9917015 A1 19990408

DOCDB simple family (application)
DE 19743103 A 19970930; DE 59806934 T 19980708; DE 9801888 W 19980708; EP 98943654 A 19980708; JP 51954899 A 19980708; US 30891799 A 19990526