

Title (en)

Injector with skirt for dispersion of fuel

Title (de)

Einspritzventil mit Umfassungsbuchse zur Verteilung des Brennstoffes

Title (fr)

Injecteur à jupe de dispersion de carburant

Publication

EP 0715072 B1 19990324 (FR)

Application

EP 95402705 A 19951130

Priority

FR 9414457 A 19941201

Abstract (en)

[origin: EP0715072A1] The injector comprises a body (1) with a tip (2) designed to be turned towards an air duct, and at least one calibrated outlet for a fuel jet (J1,J2). It also has a fuel dispersion skirt which receives the fuel jets from the calibrated outlets. The skirt is generally tubular in shape, with an upper end fixed to the body of the injector, and a lower end with at least one outlet. The inner surface of the skirt has divergent (27a,27c) and convergent (27b) surfaces, the convergent surfaces having zones (30) to receive the jets emerging from the calibrated outlets.

IPC 1-7

F02M 69/04; **F02M 61/18**

IPC 8 full level

F02M 69/04 (2006.01); **F02M 51/08** (2006.01)

CPC (source: EP US)

F02M 51/08 (2019.01 - EP US); **F02M 69/047** (2013.01 - EP US)

Cited by

US8461382B2

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

EP 0715072 A1 19960605; **EP 0715072 B1 19990324**; DE 69508534 D1 19990429; DE 69508534 T2 19991028; ES 2132566 T3 19990816; FR 2727721 A1 19960607; FR 2727721 B1 19970214; US 5694898 A 19971209

DOCDB simple family (application)

EP 95402705 A 19951130; DE 69508534 T 19951130; ES 95402705 T 19951130; FR 9414457 A 19941201; US 56308195 A 19951127