

Title (en)

Injection nozzle for a fuel injection device

Title (de)

Düsenkopf für eine Kraftstoff-Einspritzvorrichtung

Title (fr)

Buse d'injection pour un dispositif d'injection de combustible

Publication

EP 0569655 B1 19960124 (DE)

Application

EP 92810347 A 19920511

Priority

EP 92810347 A 19920511

Abstract (en)

[origin: EP0569655A1] The material used for the nozzle tip (2) of the injector nozzle (1) is a mechanically highly alloyed chromium-nickel steel. The steel contains carbon, aluminium, titanium, iron, oxygen, nitrogen and yttrium oxide as admixtures. The nozzle tip (2) of the injector nozzle (1) has about twice the useful life in the aggressive, chemical and thermal environment of the combustion chamber of internal-combustion engines such as diesel engines, compared to previously known nozzle tips (2) for injector nozzles (1). <IMAGE>

IPC 1-7

F02M 61/18; **F02M 61/16**; **C22C 19/05**

IPC 8 full level

C22C 19/05 (2006.01); **F02M 61/16** (2006.01); **F02M 61/18** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP KR)

C22C 19/058 (2013.01 - EP); **F02M 61/166** (2013.01 - EP); **F02M 61/18** (2013.01 - EP KR); **F02B 3/06** (2013.01 - EP); **F02F 2007/0097** (2013.01 - EP)

Cited by

EP1353061A3; EP1798410A1; EP0982493A1; DE19946693B4; DE19946693B8; WO0148371A1; WO9527087A1

Designated contracting state (EPC)

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