

Title (en)

A nozzle for a fuel injector for internal combustion engines, and method of manufacturing a nozzle

Title (de)

Düse für ein Kraftstoffeinspritzventil für Verbrennungsmotoren und Verfahren zur Herstellung einer Düse

Title (fr)

Buse pour injecteur de carburant pour moteurs à combustion interne et procédé de fabrication de buse

Publication

**EP 2365206 A1 20110914 (EN)**

Application

**EP 10155571 A 20100305**

Priority

EP 10155571 A 20100305

Abstract (en)

A nozzle (10) for a fuel injector for internal combustion engines, having a body (12) of corrosion-resistant material with a longitudinal bore (14) closed at its bottom end and having a cylindrical guide surface (16), wherein a plurality of nozzle bores (18) is formed in a lateral wall of the body, and wherein said cylindrical guide surface (16) is formed on either: a wear resistant layer (20) formed on an inner surface (22) of the body (12) of corrosion resistant material, or a tubular sleeve (24) of wear resistant material inserted into said longitudinal bore (14).

IPC 8 full level

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CPC (source: EP KR)

**F02M 61/166** (2013.01 - EP KR); **F02M 61/18** (2013.01 - EP KR); **F02M 61/182** (2013.01 - EP KR); **F02M 61/1893** (2013.01 - EP KR)

Citation (applicant)

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- WO 2008071187 A1 20080619 - MAN DIESEL AS [DK], et al
- EP 1549449 A1 20050706 - MAN B & W DIESEL AS [DK]

Citation (search report)

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- [YA] EP 0246373 A1 19871125 - MATSUMURA OSAMU
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