

Title (en)
Fuel injector.

Title (de)
Brennstoffeinspritzventil.

Title (fr)
Injecteur de combustible.

Publication
EP 0302660 A1 19890208 (EN)

Application
EP 88306936 A 19880727

Priority
GB 8718391 A 19870804

Abstract (en)
A fuel injector of the type in which a pencil-shaped jet of fuel is directed onto a break-up disc or target (22) for atomization and mixing with the air stream inlet of an internal combustion engine, is arranged so that the air stream passes over opposing surfaces of the target (22). In this way any fuel which might have settled on the injector or the target (22) is carried away by the air stream, thereby reducing unwanted hydrocarbon emissions from the engine.

IPC 1-7
F02M 51/08; **F02M 69/04**

IPC 8 full level
F02M 51/06 (2006.01); **F02M 51/08** (2006.01); **F02M 61/18** (2006.01); **F02M 69/04** (2006.01)

CPC (source: EP)
F02M 51/0639 (2013.01); **F02M 51/08** (2019.01); **F02M 69/044** (2013.01)

Citation (search report)
• [YD] GB 2144178 A 19850227 - LUCAS IND PLC
• [Y] GB 2017208 A 19791003 - NISSAN MOTOR
• [A] EP 0219746 A1 19870429 - HITACHI LTD [JP]
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AT BE CH DE ES FR GB GR IT LI LU NL SE

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