

Title (en)
ATOMIZATION ARRANGEMENT

Publication
EP 0435973 B1 19921014 (DE)

Application
EP 90908460 A 19900530

Priority
DE 3921079 A 19890628

Abstract (en)
[origin: WO9100426A1] In known atomization arrangements for liquids for injection valves, a tangential air inlet is provided in a space located behind the injection valve in the direction of flow. The aim of the new arrangement is to improve the generally imperfect distribution of fuel to the various cylinders of an internal combustion engine. To this end, the atomization space has two superimposed planes with a tangential air inlet (15, 16). The air inlets (15,16) in the individual planes point in opposite directions, so that two opposing eddy currents are produced. The arrangement is particularly suited for injection valves for internal combustion engines.

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F02M 69/08

IPC 8 full level
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CPC (source: EP KR US)
F02M 69/047 (2013.01 - EP US); **F02M 69/08** (2013.01 - EP KR US)

Cited by
US6089473A; WO9811341A1

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DE ES FR GB IT SE

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WO 9100426 A1 19910110; AU 5669790 A 19910117; AU 621492 B2 19920312; BR 9006834 A 19910806; DE 3921079 A1 19910103; DE 59000361 D1 19921119; EP 0435973 A1 19910710; EP 0435973 B1 19921014; ES 2036115 T3 19930501; JP H04501450 A 19920312; KR 920701666 A 19920812; US 5178331 A 19930112

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DE 9000402 W 19900530; AU 5669790 A 19900530; BR 9006834 A 19900530; DE 3921079 A 19890628; DE 59000361 T 19900530; EP 90908460 A 19900530; ES 90908460 T 19900530; JP 50789990 A 19900530; KR 910700217 A 19910226; US 65609491 A 19910227