

Title (en)
SPRAY NOZZLE FOR CONTINUOUS FUEL INJECTION

Publication
EP 0043908 B1 19840425 (DE)

Application
EP 81104123 A 19810529

Priority
DE 3026832 A 19800716

Abstract (en)
[origin: US4437314A] An atomizer nozzle for continuous fuel injection is provided. The nozzle can serve as a main injection nozzle or as an igniter for combustion chambers, and is provided with a single-hole fuel nozzle, and an annular gap for possible additional air supply located coaxially theretofore. The chamber or space between the nozzle opening and the annular gap is connected by pressure equalization openings with the combustion chamber behind or after the annular gap. The pressure equalization openings are represented and defined by individual spacers between the fuel nozzle body and the air nozzle ring.

IPC 1-7
F23D 11/10; **F02C 7/22**

IPC 8 full level
F02C 7/22 (2006.01); **F23D 11/10** (2006.01)

CPC (source: EP US)
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Cited by
EP0209631A1; JPS6140981A; EP0242329A2

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EP 0043908 A1 19820120; **EP 0043908 B1 19840425**; DE 3026832 A1 19820211; DE 3163283 D1 19840530; US 4437314 A 19840320

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