

Title (en)

Fuel injection assembly for turbomachine, including preevaporation chamber.

Title (de)

Brennstoffeinspritzvorrichtung mit Vorverdampfer.

Title (fr)

Ensemble d'injection pour turbomachine, comprenant un bol de prévaporisation.

Publication

EP 0461026 A1 19911211 (FR)

Application

EP 91401458 A 19910605

Priority

FR 9006947 A 19900605

Abstract (en)

The invention relates to an assembly for injection of fuel inside a turbomachine combustion chamber, mounted on the wall (1-2) delimiting the said chamber and comprising a pre evaporation bowl (7) mounted floating with respect to the said wall, parallel to a defined direction. <??>A part (7e) of a structure integral with the preevaporation bowl (7) and a part (5b) integral (3-4-5) with the wall (1-2) of the combustion chamber are aligned substantially parallel to the said defined direction and are capable of being arranged at a variable distance from one another, and while a magnet (15) is fixed on one (5b) of the said parts and is able to cooperate with the other part (7e) in order to be fixed thereon or, on the contrary, to be detached therefrom, maintaining in position or, on the contrary, leaving the pre evaporation bowl free to float with respect to the combustion chamber. <??>One application is the production of a turbomachine which is easy to assemble. <IMAGE>

IPC 1-7

F23R 3/28; **F23R 3/30**

IPC 8 full level

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CPC (source: EP US)

F23R 3/283 (2013.01 - EP US); **F23R 3/30** (2013.01 - EP US); **Y10T 29/21** (2015.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)

EP 0461026 A1 19911211; **EP 0461026 B1 19930728**; DE 69100199 D1 19930902; DE 69100199 T2 19931209; FR 2662784 A1 19911206; FR 2662784 B1 19920814; JP 2578533 B2 19970205; JP H04227412 A 19920817; US 5172545 A 19921222

DOCDB simple family (application)

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