

Title (en)

Method for injecting a fuel/air mixture in a combustion chamber

Title (de)

Verfahren zum Eindüsen eines Brennstoff-/Luftgemisches in eine Brennkammer

Title (fr)

Procédé d'injection d'un mélange air/carburant dans une chambre de combustion

Publication

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Application

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Abstract (en)

[origin: WO03054447A1] The invention relates to a fuel lance, by means of which fuels (6, 11) can be injected alternately or simultaneously at an injection point essentially located at the lance tip (1), through at least two separate channels (5, 10), with which a secure operation without risk of blowback and avoidance of coking may be achieved, whereby the fuel lance also feeds flushing air (9) to the injection point along with fuel and said flushing air (9) is introduced at the injection point between the two fuel systems (6, 11) such that the above are shielded from each other by means of the flushing air (9).

IPC 8 full level

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