

Title (en)

Process and device for admixing additives into a fluid stream

Title (de)

Verfahren und Vorrichtung zum Beimischen von Zusatz-stoffen in eine Fluid-strömung

Title (fr)

Procédé et dispositif de mélange des additifs dans un écoulement de fluide

Publication

EP 0814254 B1 20010816 (DE)

Application

EP 97109752 A 19970616

Priority

DE 19624352 A 19960619

Abstract (en)

[origin: EP0814254A1] An additive is mixed into a fluid, especially a fuel, which is pumped from the supply tank to a fuel injection pump. The pump atomises the fuel, as it passes through fine nozzles into the combustion chambers. Admixture is carried out at the suction side of the fuel pump (2). Also claimed is an apparatus for the above process, comprising a fuel tank (1), a fuel pump (2) and an injection pump (4) which charges fuel into the combustion chambers (8) of the engine. A fuel line (6) connects these units. A recycle line (64) returns excess fuel to the supply tank. On the suction side of the fuel pump (4), a supply channel introduces the additive, preferably at a point of fuel line constriction.

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Cited by

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