

Title (en)

ADDITIVE INJECTOR DEVICE FOR INTERNAL COMBUSTION ENGINES AND INJECTION METHOD THEREOF

Title (de)

ADDITIVEINSPRITZVORRICHTUNG FÜR VERBRENNUNGSMOTOREN UND EINSPRITZVERFAHREN DAFÜR

Title (fr)

DISPOSITIF D'INJECTION D'ADDITIF DESTINE A DES MOTEURS A COMBUSTION INTERNE ET PROCEDE D'INJECTION CORRESPONDANT

Publication

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Application

EP 03795128 A 20030905

Priority

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- IT TO20020796 A 20020912

Abstract (en)

[origin: WO2004025108A1] An additive injector device for internal combustion engines of the type associated to an additive tank and being apt to inject in a gaseous stage said additives, which are apt to change the chemical-physical properties of combustion and its derivative products. According to the invention the injector device comprises spraying means of liquid microjets (14;45), said spraying means of liquid microjets (14;45) comprising at least a pressure microchamber (21) for receiving the additive, a micronozzle (23) and means for applying a pressure (24) to the additive contained in the pressure microcha (21).

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