

Title (en)

METHOD FOR IGNITING COMBUSTION OF FUEL IN A COMBUSTION CHAMBER OF AN ENGINE, ASSOCIATED DEVICE AND ENGINE

Title (de)

VERFAHREN ZUM ZÜNDEN DER VERBRENNUNG EINES KRAFTSTOFFES IN EINEM VERBRENNUNGSRAUM EINES MOTORS, ZUGEHÖRIGE VORRICHTUNG UND MOTOR

Title (fr)

PROCEDE POUR REALISER L'ALLUMAGE DE LA COMBUSTION D'UN CARBURANT DANS UNE CHAMBRE DE COMBUSTION D'UN MOTEUR, DISPOSITIF ASSOCIE, ET MOTEUR

Publication

**EP 1697634 B1 20190123 (DE)**

Application

**EP 04803290 A 20041126**

Priority

- EP 2004013421 W 20041126
- DE 10356916 A 20031201

Abstract (en)

[origin: DE10356916B3] The fuel ignition process involves igniting the fuel in the combustion chamber (5) of an engine (2) by means of an ignition device (1) using microwave radiation in the combustion chamber, created by a source (7) outside it. The fuel is distributed more uniformly within the combustion chamber, so that it is all ignited simultaneously.

IPC 8 full level

**F02P 23/04** (2006.01)

CPC (source: EP KR US)

**F02P 23/00** (2013.01 - KR); **F02P 23/04** (2013.01 - KR); **F02P 23/045** (2013.01 - EP US)

Citation (examination)

DE 19527873 A1 19970130 - EBERSPAECHER J [DE]

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DOCDB simple family (publication)

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