

Title (en)

IGNITION DEVICE FOR IGNITING AN AIR FUEL IN A COMBUSTION CHAMBER

Title (de)

ZÜNDVORRICHTUNG ZUM ZÜNDEN EINES LUFT-KRAFTSTOFFGEMISCHES IN EINEM BRENNRAUM

Title (fr)

DISPOSITIF D'ALLUMAGE DE MÉLANGE AIR-CARBURANT DANS UNE CHAMBRE DE COMBUSTION

Publication

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Application

**EP 17715623 A 20170323**

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Abstract (en)

[origin: WO2017167438A1] The present invention relates to an ignition device for igniting an air/fuel mixture in a combustion chamber, in particular of an internal combustion engine, having a spark plug which has a first electrode and a second electrode, having a high voltage source for generating an electrical high voltage pulse at an output of the high voltage source, and having a high frequency voltage source for generating an electrical high frequency alternating voltage at an output of the high frequency voltage source, wherein the output of the high voltage source is connected electrically to the first electrode of the spark plug via a first electrical conduction path in such a way that the high voltage pulse is present at the first electrode, wherein the output of the high frequency voltage source is connected electrically to the second electrode via a second electrical conduction path in such a way that the high frequency alternating voltage is present at the second electrode.

IPC 8 full level

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