

Title (en)

PRE-CHAMBER SPARK PLUG AND METHOD FOR PRODUCING A PRE-CHAMBER SPARK PLUG

Title (de)

VORKAMMERZÜNDKERZE UND EIN VERFAHREN ZUR HERSTELLUNG EINER VORKAMMERZÜNDKERZE

Title (fr)

BOUGIE D'ALLUMAGE À PRÉCHAMBRE ET PROCÉDÉ DE FABRICATION D'UNE BOUGIE D'ALLUMAGE À PRÉCHAMBRE

Publication

**EP 3378136 A1 20180926 (DE)**

Application

**EP 17840552 A 20171218**

Priority

- DE 102017202001 A 20170208
- DE 2017200136 W 20171218

Abstract (en)

[origin: WO2018145681A1] The invention relates to a pre-chamber spark plug, comprising a housing (3), a ground electrode, a cap (9), which closes the pre-chamber (5), and a central electrode (6, 7), which is arranged within the pre-chamber (5), transfer passages (10) being formed in the cap (9), whih pre-chamber spark plug is characterized in that the center axes (11) of the transfer passages (10) diverge as viewed in the direction of the main combustion chamber. The invention further relates to a method for producing such a pre-chamber spark plug.

IPC 8 full level

**H01T 13/54** (2006.01); **H01T 21/02** (2006.01)

CPC (source: EP US)

**H01T 13/54** (2013.01 - EP US); **H01T 21/02** (2013.01 - EP US); **F02B 19/12** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102017202001 A1 20180809**; EP 3378136 A1 20180926; EP 3378136 B1 20240207; US 11011892 B2 20210518; US 2020036166 A1 20200130; WO 2018145681 A1 20180816

DOCDB simple family (application)

**DE 102017202001 A 20170208**; DE 2017200136 W 20171218; EP 17840552 A 20171218; US 201716484356 A 20171218