

Title (en)  
PRECHAMBER SPARK PLUG

Title (de)  
VORKAMMERZÜNDKERZE

Title (fr)  
BOUGIE D'ALLUMAGE À PRÉCHAMBRE

Publication  
**EP 3420615 B1 20210113 (DE)**

Application  
**EP 17842286 A 20171218**

Priority  
• DE 102017204241 A 20170314  
• DE 2017200135 W 20171218

Abstract (en)  
[origin: WO2018166549A1] A prechamber spark plug comprising a housing (3), a ground electrode and a prechamber (5) which is defined by the housing (3) and a cap (15) and inside which a central electrode (6) is arranged, is characterized in that the ratio V/D of the prechamber volume V to the largest internal diameter D of the prechamber (5) ranges from 30 mm<sup>2</sup> to 95 mm<sup>2</sup>.

IPC 8 full level  
**H01T 13/54** (2006.01)

CPC (source: EP US)  
**H01T 13/54** (2013.01 - EP US)

Citation (opposition)  
Opponent : Alexander Zolyomi  
• EP 1984993 B1 20130828 - GE JENBACHER GMBH & CO OHG [AT]  
• WO 2012091739 A2 20120705 - PROMETHEUS APPLIED TECHNOLOGIES LLC [US], et al  
• WO 2004036013 A1 20040429 - PEUGEOT CITROEN AUTOMOBILES SA [FR], et al  
• EP 0675272 B1 19970806 - KUHNERT DIETER DR [DE], et al  
• DE 2715943 A1 19781012 - BOSCH GMBH ROBERT  
• BRONSTEIN, SEMENDJAJEW, MUSIOL, MÜHLIG: "Taschenbuch der Mathematik", 1999, VERLAG, article "Tabelle 3.5", pages: 150 - 151, XP055856565

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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US 11233380 B2 20220125; US 2021135433 A1 20210506

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**DE 2017200135 W 20171218**; DE 102017204241 A 20170314; EP 17842286 A 20171218; US 201716491924 A 20171218