

Title (en)

SYSTEM AND APPARATUS FOR APPLYING AN ELECTRIC FIELD TO A COMBUSTION VOLUME

Title (de)

SYSTEM UND VORRICHTUNG ZUR ANWENDUNG EINES ELEKTRISCHEN FELDS AUF EIN VERBRENNUNGSVOLUMEN

Title (fr)

SYSTÈME ET APPAREIL PERMETTANT D'APPLIQUER UN CHAMP ÉLECTRIQUE À UN VOLUME DE COMBUSTION

Publication

**EP 2668447 A4 20161102 (EN)**

Application

**EP 11856899 A 20110124**

Priority

US 2011022269 W 20110124

Abstract (en)

[origin: WO2012102697A1] According to an embodiment, combustion in a combustion volume is affected by at least two sequentially applied non-parallel electric fields. According to an embodiment, a combustion volume is equipped with at least three individually modulatable electrodes. According to an embodiment, an electric field application apparatus for a combustion volume includes a safety apparatus to reduce or eliminate danger.

IPC 8 full level

**F23C 99/00** (2006.01)

CPC (source: EP KR)

**F23C 99/001** (2013.01 - EP); **F23Q 3/00** (2013.01 - KR); **F23C 2900/99005** (2013.01 - EP)

Citation (search report)

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- [X] US 2009064661 A1 20090312 - YOUNSI ABDELKRIM [US], et al
- [X] US 3416870 A 19681217 - WRIGHT FRANKLIN J
- [X] GB 1013015 A 19651215 - AXEL BERTILSSON KJELLSTROM
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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

DOCDB simple family (publication)

**WO 2012102697 A1 20120802**; CA 2825585 A1 20120802; CN 103443548 A 20131211; CN 103443548 B 20160406; EP 2668447 A1 20131204; EP 2668447 A4 20161102; EP 2668447 B1 20180912; JP 2014506666 A 20140317; KR 20140066660 A 20140602

DOCDB simple family (application)

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