

Title (en)

CONTROLLED SPARK IGNITED FLAME KERNEL FLOW

Title (de)

KERNFLUSS MIT DURCH GESTEUERTE FUNKEN GEZÜNDETER FLAMME

Title (fr)

FLUX DE NOYAU DE FLAMME ALLUMÉ PAR UNE ÉTINCELLE CONTRÔLÉE

Publication

EP 2971750 A1 20160120 (EN)

Application

EP 14712979 A 20140307

Priority

- US 201313833226 A 20130315
- US 201314045625 A 20131003
- US 2014021610 W 20140307

Abstract (en)

[origin: WO2014149947A1] In some aspects, a spark plug includes a spark gap in an enclosure of the spark plug. The spark plug includes a passage in the interior of the enclosure. During operation of the engine, the passage directs flow through the spark gap, primarily away from a combustion chamber end of the enclosure. The passage can direct flow at a velocity of 5 meters/second or greater.

IPC 8 full level

F02P 9/00 (2006.01)

CPC (source: EP)

F02P 9/007 (2013.01); **H01T 13/32** (2013.01); **H01T 13/54** (2013.01); **H01T 21/02** (2013.01); **H01T 13/20** (2013.01)

Citation (search report)

See references of WO 2014149947A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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