

Title (en)

Internal combustion engine electric discharge structure

Title (de)

Elektrische Entladungsstruktur eines Verbrennungsmotors

Title (fr)

Structure de décharge électrique de moteur à combustion interne

Publication

EP 2060780 A3 20121024 (EN)

Application

EP 08168914 A 20081112

Priority

JP 2007298294 A 20071116

Abstract (en)

[origin: EP2060780A2] An internal combustion engine electric discharge structure is provided which comprises a first electrode and a dielectric material. The first electrode includes a first voltage receiving end and a second engine attachment end with a long thin conductive material that discharges non-equilibrium plasma. The dielectric material covers the first electrode.

IPC 8 full level

F02P 23/04 (2006.01); **H01T 13/52** (2006.01)

CPC (source: EP US)

F02P 3/01 (2013.01 - EP US); **H01T 13/50** (2013.01 - EP US)

Citation (search report)

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- [XP] US 2007266979 A1 20071122 - NAGAMINE MORIHIRO [JP], et al
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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2060780 A2 20090520; EP 2060780 A3 20121024; EP 2060780 B1 20180228; JP 2009121406 A 20090604; JP 5228450 B2 20130703; US 2009126668 A1 20090521

DOCDB simple family (application)

EP 08168914 A 20081112; JP 2007298294 A 20071116; US 26994808 A 20081113