

Title (en)

Ignition device for a combustion engine, which supplies a corona discharge

Title (de)

Zündeinrichtung für eine Brennkraftmaschine, welche eine Koronaentladung bereitstellt

Title (fr)

Dispositif d'allumage pour moteur à combustion produisant une décharge corona

Publication

**EP 2199597 A3 20110112 (DE)**

Application

**EP 09014969 A 20091203**

Priority

AT 19572008 A 20081216

Abstract (en)

[origin: EP2199597A2] The ignition arrangement provides a corona discharge for ignition of a fuel/air mixture in the combustion chamber (24) of combustion machine. The ignition arrangement delivers basic voltage which is always different from zero for triggering and maintaining corona discharge for each ignition process. An independent claim is included for method of igniting fuel/air mixture in combustion chamber of combustion machine.

IPC 8 full level

**F02P 3/01** (2006.01); **F02P 23/04** (2006.01)

CPC (source: EP US)

**F02P 23/04** (2013.01 - EP US); **F02P 3/01** (2013.01 - EP US); **F02P 9/007** (2013.01 - EP US)

Citation (search report)

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- [X1] US 2004129241 A1 20040708 - FREEN PAUL DOUGLAS [US]
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Cited by

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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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2199597 A2 20100623**; **EP 2199597 A3 20110112**; AT 12376 U1 20120415; AT 507748 A1 20100715; US 2010147239 A1 20100617

DOCDB simple family (application)

**EP 09014969 A 20091203**; AT 19572008 A 20081216; AT 80362011 U 20110412; US 63815009 A 20091215