

(19)



(11)

EP 2 020 714 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
21.12.2011 Bulletin 2011/51

(51) Int Cl.:
H01T 13/46 (2006.01)

(43) Date of publication A2:
04.02.2009 Bulletin 2009/06

(21) Application number: **07021927.4**

(22) Date of filing: **12.11.2007**

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE
SI SK TR**

Designated Extension States:
AL BA HR MK RS

(30) Priority: **01.08.2007 JP 2007200420**
06.08.2007 JP 2007203846

(71) Applicant: **Miyama, Inc.**
Nagano-shi,
Nagano (JP)

(72) Inventor: **Minami, Katsuaki**
Nagano-shi
Nagano (JP)

(74) Representative: **Hager, Thomas Johannes et al**
Hoefer & Partner
Patentanwälte
Postfach 14 03 29
80453 München (DE)

(54) **Multipoint ignition device**

(57) A plurality of electrode pairs (P1 to P8) are caused to project from a side wall of a combustion chamber (2) of an engine, and a distance between ignition

gaps (G1 to G8) and the side wall of the combustion chamber (2) is varied according to the positions of the plurality of electrode pairs (P1 to P8).

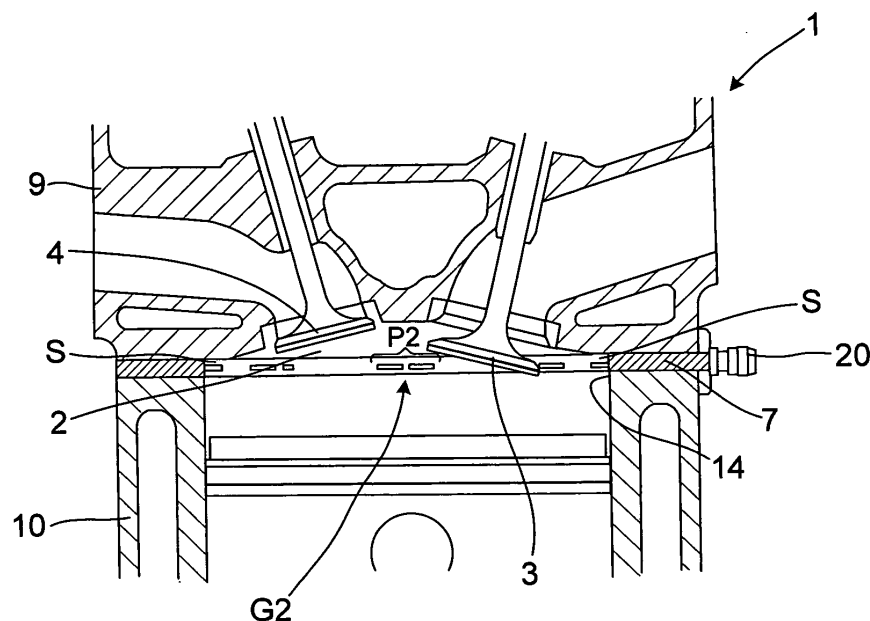


FIG. 1

EP 2 020 714 A3



EUROPEAN SEARCH REPORT

Application Number
EP 07 02 1927

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 4 535 735 A (YOSHINAGA) 20 August 1985 (1985-08-20) * claim 1; figure 2 * -----	1	INV. H01T13/46
			TECHNICAL FIELDS SEARCHED (IPC)
			H01T F02P
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 15 November 2011	Examiner Bijn, Eric
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1
EPO FORM 1503 03.82 (P04/C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 02 1927

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

15-11-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4535735 A	20-08-1985	JP 57185689 A	15-11-1982
		US 4535735 A	20-08-1985
