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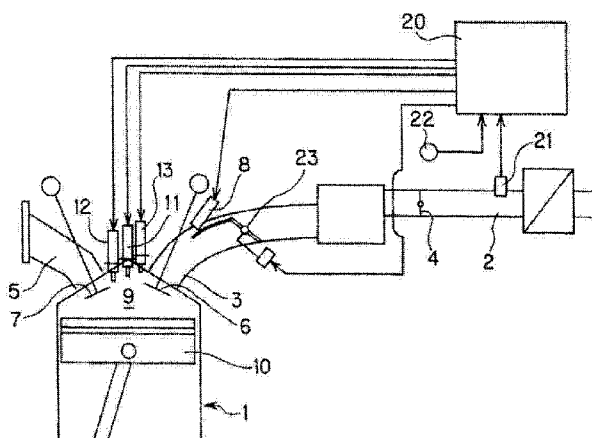
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(54) Title: INTERNAL-COMBUSTION ENGINE AND METHOD OF DISPOSING IGNITION PLUG THEREOF



(57) Abstract: An internal-combustion engine is disclosed in which a pair of inlet valves and a pair of outlet valves are provided within the combustion chamber formed in each of a row of cylinders. A first ignition plug is disposed in the cylinder head within a central area of the combustion chamber in plan view. Second and third ignition plugs are disposed in the cylinder head at opposite peripheral portions of the combustion chamber positioned approximately along the first axis direction in plan view, the second and third ignition plugs are arranged so that the discharge electrode portions of the second and third ignition plugs being inclined inwardly of the combustion chamber in opposite directions and are substantially symmetrical relative with the first ignition plug in plan view. A line intersecting the discharge electrode portions of the second and third ignition plugs forms an oblique angle with the direction of the row of cylinders in plan view.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
F02P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	DE 42 29 008 A1 (MAZDA MOTOR [JP]) 4 March 1993 (1993-03-04) abstract; claim 1; figure 16 column 11, line 49 - column 12, line 4 -----	1,13,14
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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