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(54) **Exhaust manifold for an internal combustion engine**

(57) An exhaust manifold for a four-cylinder internal combustion engine, including four branches (5,6,7,8), a downstream exhaust pipe (9) connected with the four branches, and a partition wall (10,110) dividing an exhaust path in the downstream exhaust pipe (9) into first and second passages (11,12) each having a semicircular section. Each of the first and second passages (11,12) is connected with two of the branches (5,6,7,8) which are connected with two of the four engine cylinders (#1,#2,#3,#4) having non-continuous order of ignition and communicated with first and second quarter-circular regions (A,B,C,D) in the semicircular section of the passages (11,12), respectively. An air-fuel ratio sensor (16) mounted to the downstream exhaust pipe (9) projects into both of the passages (11,12) through a cut-out (18) formed on one side of the partition wall (10,110) in a width direction perpendicular to an axial direction of the downstream exhaust pipe (9). A communication portion (21,22,23,24) formed in the partition wall (10,110) fluidly communicates the passages (11,12) with each other.

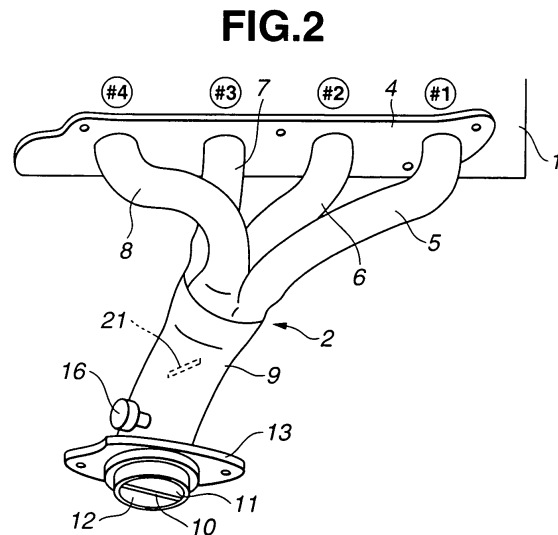
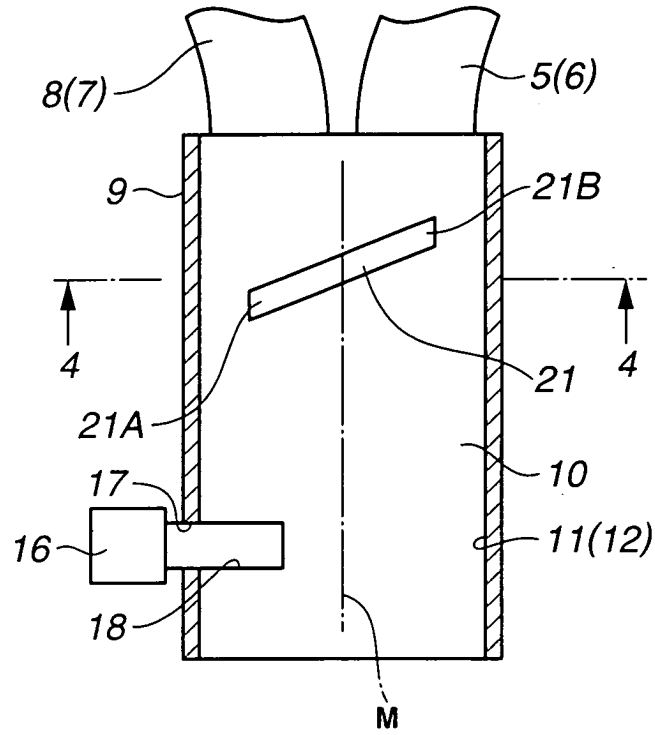


FIG.3





DOCUMENTS CONSIDERED TO BE RELEVANT			
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 12 May 2005	Examiner Torle, E
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	

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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