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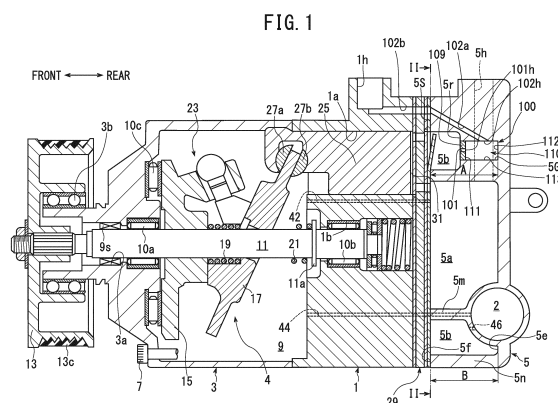
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(54) **Variable displacement compressor**

(57) Variable displacement compressor comprising: a cylinder block (1) having a plurality of cylinder bores (1a); a front housing (3) having a crank chamber (9) formed therein; a rear housing (5) having a suction chamber (5a) and a discharge chamber (5b) formed therein; a plurality of pistons (25) housed in the cylinder bores so as to reciprocate and defining a compression chamber (31); and driving means (4) provided in the crank chamber. The rear housing (5) has an annular wall (5m) that separates the suction chamber and the discharge chamber, the discharge chamber being formed between the annular wall and an outer peripheral wall of the rear housing so as to extend in the circumferential direction and annularly surround the suction chamber. A muffler (100) is provided between the discharge chamber and an outlet port (1h), the muffler having a muffler chamber (110), an inlet channel (101) and an outlet channel (102a). The muffler chamber (110) has a first end surface (111) on one end side of the muffler chamber, a second end surface (112) on the other end side of the muffler chamber, and an inner peripheral surface (113) having a cylindrical shape that is positioned between the first end surface and the second end surface and extends from the discharge chamber toward the other end side. The muffler chamber (110) is positioned between the annular wall and the outer peripheral wall, the inlet channel (101)

opens in the first end surface (111), and the outlet channel (102a) opens in the inner peripheral surface (113) at a position spaced apart from the second end surface (112).





EUROPEAN SEARCH REPORT

Application Number
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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 21 July 2015	Examiner Olona Laglera, C
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
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