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(54) Variable displacement compressor in which a communication passage between a crank chamber and a suction chamber is improved in relation to a mounting posture of the compressor

(57) In a variable displacement compressor designed to be set with a predetermined posture and having, between a suction chamber (13) and a crank chamber (3), a first communication passage (18) controlled in dependence on a pressure differential therebetween and a second communication passage (20) with a particular portion therebetween at which a control valve (19) is disposed, the particular portion is located higher than another portion of the second communication passage in the predetermined posture. A displacing arrangement is placed in the crank chamber and displaces gas from the suction chamber to a discharge chamber (14) with a variable displacement. Another control valve (16) is disposed in the first communication passage to control opening and closing of the first communication passage in dependence on the pressure differential.

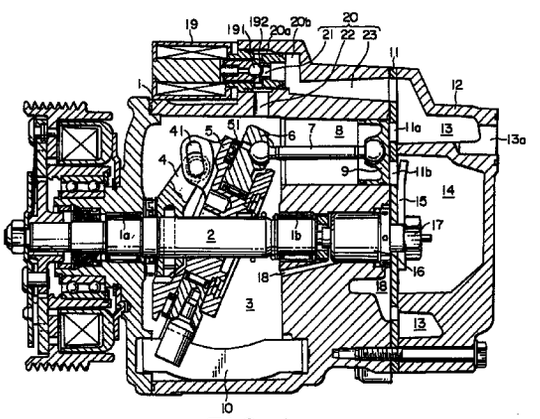

FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 98 11 4720

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TECHNICAL FIELDS SEARCHED (Int.Cl.6)

F04B

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	19 May 1999	Bertrand, G

CATEGORY OF CITED DOCUMENTS

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