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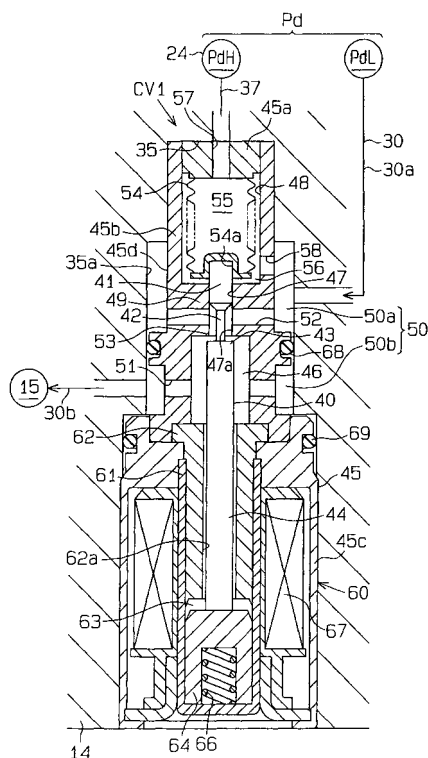
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(54) **Control valve for a variable displacement compressor**

(57) A control valve includes a separation portion, which is part of a rod, blocks a through hole that connects a valve chamber and a second chamber with each other. Therefore, the pressure of the second chamber is not directly affected by changes in the opening degree of the control valve. The second chamber and a valve hole forming a part of the through hole are both connected to a second pressure zone through an upstream section of a supply passage. This prevents creation of pressure difference between the valve hole and the second chamber, and thus prevents entry of foreign particles in sliding portions between the through hole and the rod.

Fig. 2





European Patent
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EUROPEAN SEARCH REPORT

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Place of search		Date of completion of the search	Examiner
Munich		14 July 2005	Richmond, R
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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