

Title (en)

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

Title (de)

Kompressor mit variabler Fördermenge mit einem im Bezug auf einer Montageposition des Kompressors verbesserten Verbindungsdurchgang zwischen einem Kurbelgehäuse und einer Saugkammer

Title (fr)

Compresseur à déplacement variable avec un passage entre la chambre de bielle et la chambre d'aspiration amélioré en relation avec la position de montage du compresseur

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Application

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Abstract (en)

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. <IMAGE>

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