

Title (en)

CAPACITY CONTROL VALVE FOR A COMPRESSOR

Publication

EP 0087838 B1 19850821 (EN)

Application

EP 83200262 A 19830218

Priority

NL 8200765 A 19820225

Abstract (en)

[origin: EP0087838A1] A capacity control valve for a compressor comprising a suction chamber (1) and a delivery chamber (2) and therebetween a connection (15) controlled by the control valve. The delivery chamber (2) is coupled to a pressure pipe. The control valve consists of a slide (7) provided axially slidable in a closed valve chamber (3, 4, 5 and 6). The wall of the valve chamber is provided with a number of ports (9) in a plane perpendicular to the sliding direction of the slide 7. The ports (3) connect the internal space (3,4) of the valve chamber to the delivery chamber (2). At both sides of the ports (9), the spaces (4 and 3) of the valve chamber have a connector for connections to the suction chamber (1) and pressure pipe respectively. In both of the end positions of the slide (7), a sealing part (12) thereof engaging the valve chamber wall releases the ports (9) at least partly.

IPC 1-7

F04B 49/00

IPC 8 full level

F04B 39/10 (2006.01); **F04B 49/00** (2006.01); **F04B 49/24** (2006.01); **F16K 11/07** (2006.01)

CPC (source: EP)

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Citation (examination)

FR 2419447 A1 19791005 - BJOERKLUND CURT ARNOLD [SE]

Cited by

EP0247236A3; EP0205670A1

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