

Title (en)

Wobble plate type compressor with variable displacement mechanism.

Title (de)

Taumelscheibenverdichter mit Mechanismus zur Veränderung der Fördermenge.

Title (fr)

Compresseur à plateau inclinable avec dispositif de variation volumétrique.

Publication

**EP 0220798 A1 19870506 (EN)**

Application

**EP 86305956 A 19860801**

Priority

JP 12166985 U 19850809

Abstract (en)

A wobble plate type compressor (1) has a housing (2) having a cylinder block (4) provided with a plurality of cylinders (13). Pistons (12) are slidable in the cylinders and are arranged to be reciprocated by a drive mechanism including a wobble plate (10). A slant angle control means has a control valve mechanism (16) including a first valve (163a) to control the communication between the crank chamber (22) and the discharge chamber (52), a second valve (163c) to control the communication between the crank chamber (22) and the suction chamber (51), and a pressure sensing means (162) to control operation of the first and second valves. The pressure sensing means (162) is disposed within a pressure chamber (162c) unconnected with the suction chamber and having a port (161h) to which refrigerant pressure at a position in a refrigerant circuit between an inlet port of the compressor and an evaporator can be introduced in use.

IPC 1-7

**F04B 27/08**; **F25B 1/02**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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