

COMPRESSOR

THIS SHEET HAS BEEN REPLACED

ABSTRACT

A high-performance compressor is capable of preventing inadequate oil feed even if the compressor tilts or foams and it is also capable of reducing the amount of oil discharged. The compressor has a compression element (20) and an electric element (10) housed in a hermetically sealed vessel (1), the interior of the hermetically sealed vessel (1) being divided into an oil reservoir chamber (41) and a hermetically sealed chamber (1A 1B). Two oil pumps (42) are mounted on one end of a rotary shaft (13) and oil is sucked into one of the oil pumps (42) from the oil reservoir chamber (41) and fed to the compression element (20) mounted on the other end of the rotary shaft (13); oil is sucked into the other oil pump (24) from the hermetically sealed chamber (1A 1B) and fed to the oil reservoir chamber (41).

Fig. 1.

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