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(54) Compressor balancing system

(57) A compressor includes a drive shaft, a conversion mechanism, a rotation body and a mass body. The conversion mechanism converts rotational motion of the drive shaft into compression motion of a compression member in a compression mechanism. The rotation body is provided with the drive shaft so as to integrally rotate with the drive shaft. The drive shaft and the rotation body have a rotational central axis. The mass body is provided with the rotation body. The mass body performs pendulum motion whose center is an axis that is remote from the rotational central axis by a predetermined distance and that is substantially parallel with the rotational central axis. The compressor is characterized in that the mass body is provided to cancel offset load of the conversion mechanism around the rotational central axis of the drive shaft.

FIG. 2A

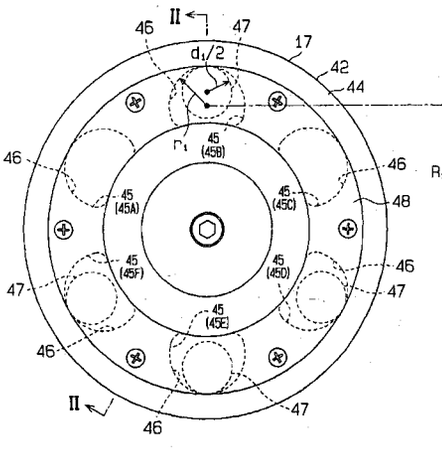
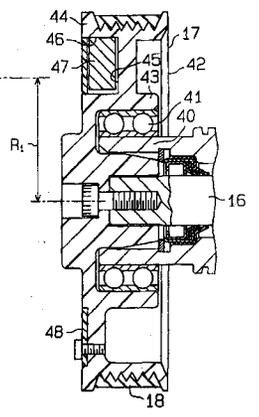


FIG. 2B



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Application Number
EP 03 00 5001

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	17 October 2003	Dimitroulas, P

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