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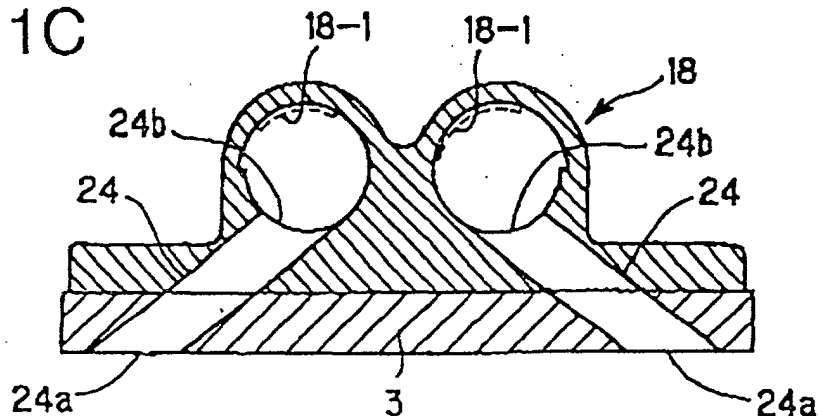
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(54) **Gas compressor**

(57) To provide a gas compressor capable of reducing the pressure loss of the oil containing high-pressure refrigerant gas and achieving an improvement in compressor performance. In a construction in which oil containing high-pressure refrigerant gas discharged from cylinder discharge holes passes through discharge chambers and discharge gas passages to be led to oil separation filters side attached to an oil separator, the discharge gas passages are linear, whereby the oil con-

taining high-pressure refrigerant gas flows smoothly through the discharge gas passages, and the pressure loss of the oil containing high-pressure refrigerant gas is reduced. Further, the height of inlet openings of the discharge gas passages are set to be the same as the height of outlet openings, whereby the discharge gas passages extend horizontally and are of the shortest length, thereby further reducing the pressure loss of the high-pressure refrigerant gas.

**FIG. 1C**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 31 0845

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The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>7 January 2003</b>	Examiner <b>Dimitroulas, P</b>
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EPO FORM 1503 03 82 (P04001)

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