

Title (en)  
Gas compressor

Title (de)  
Gasverdichter

Title (fr)  
Compresseur à gaz

Publication  
**EP 1217215 B1 20050302 (EN)**

Application  
**EP 01310845 A 20011221**

Priority  
• JP 2000391184 A 20001222  
• JP 2001267792 A 20010904

Abstract (en)  
[origin: EP1217215A2] 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 containing 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. <IMAGE>

IPC 1-7  
**F04C 18/344**; **F04C 29/02**

IPC 8 full level  
**F04C 29/12** (2006.01); **F04C 18/344** (2006.01); **F04C 29/00** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP US)  
**F04C 18/3446** (2013.01 - EP US); **F04C 29/026** (2013.01 - EP US); **F04C 29/12** (2013.01 - EP US); **F04C 2250/10** (2013.01 - EP US)

Cited by  
EP3051136A1; US7520210B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1217215 A2 20020626**; **EP 1217215 A3 20030226**; **EP 1217215 B1 20050302**; CN 1309960 C 20070411; CN 1362583 A 20020807; DE 60109121 D1 20050407; DE 60109121 T2 20050721; JP 2002250289 A 20020906; JP 3987697 B2 20071010; MY 129076 A 20070330; US 2002094294 A1 20020718

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**EP 01310845 A 20011221**; CN 01138184 A 20011222; DE 60109121 T 20011221; JP 2001267792 A 20010904; MY PI20015848 A 20011221; US 3385301 A 20011220