

Title (en)  
Scroll-type fluid machinery.

Title (de)  
Verdrängermaschine nach dem Spiralprinzip.

Title (fr)  
Machine à fluide du type à volutes.

Publication  
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Application  
**EP 92110806 A 19920626**

Priority  
• JP 18553291 A 19910629  
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Abstract (en)  
The present invention is intended to provide an oilless scroll-type compressor which can obtain a high compression efficiency with highly accurate sealability retained and particularly has such a constitution that a chip seal (9b) fitted in each of the wrap end surfaces of stationary scrolls and an orbiting scroll is integrated with a backup seal, a discharge port (7) in communication with a wrap groove terminal end through a through-hole (31) is formed in a land section (4) positioned on the interior side of a wrap inner circumferential end on the side of one scroll and situated around a shaft hole (6) through which a main shaft is inserted, and the circumference of said discharge port (7) is surrounded by the chip seal (9a) extended from said wrap. <IMAGE>

IPC 1-7  
**F01C 1/02; F01C 19/08**

IPC 8 full level  
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CPC (source: EP)  
**F01C 1/0223** (2013.01); **F01C 19/08** (2013.01); **F04C 27/005** (2013.01); **F04C 2250/102** (2013.01); **F05B 2250/502** (2013.01)

Citation (search report)  
• [AP] EP 0446635 A2 19910918 - IWATA AIR COMPRESSOR MFG [JP]  
• [A] DE 3610721 A1 19861009 - VOLKSWAGEN AG [DE]  
• [AD] EP 0298315 A1 19890111 - BBC BROWN BOVERI & CIE [CH]  
• [A] EP 0165714 A2 19851227 - MITSUBISHI ELECTRIC CORP [JP]  
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