

Title (en)  
Centrifugal compressor.

Title (de)  
Kreiselverdichter.

Title (fr)  
Compresseur centrifugal.

Publication  
**EP 0518027 B1 19950705 (EN)**

Application  
**EP 92106288 A 19920410**

Priority  
JP 14323191 A 19910614

Abstract (en)  
[origin: EP0518027A1] Herein disclosed is a centrifugal compressor, in which a seal member (15) is arranged annularly and multiplexly at the back of an impeller for sealing up a gap between the impeller exit and back and forming an annular space (6), and in which the annular spacer is fed with a cold gas under a higher pressure than that at the impeller exit, so that the centrifugal compressor may have its impeller back cooled down.  
<IMAGE>

IPC 1-7  
**F04D 29/16**; **F04D 29/58**

IPC 8 full level  
**F01D 5/08** (2006.01); **F01D 11/02** (2006.01); **F02B 39/00** (2006.01); **F04D 29/08** (2006.01); **F04D 29/16** (2006.01); **F04D 29/58** (2006.01); **F02B 3/06** (2006.01)

CPC (source: EP KR)  
**F02B 37/00** (2013.01 - KR); **F04D 29/162** (2013.01 - EP); **F04D 29/5846** (2013.01 - EP); **F02B 3/06** (2013.01 - EP)

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Designated contracting state (EPC)  
CH DE FR GB LI

DOCDB simple family (publication)  
**EP 0518027 A1 19921216**; **EP 0518027 B1 19950705**; DE 69203293 D1 19950810; DE 69203293 T2 19960125; FI 921758 A0 19920421; FI 921758 A 19921215; JP 2934530 B2 19990816; JP H04365997 A 19921217; KR 930000807 A 19930115; KR 950006873 B1 19950623

DOCDB simple family (application)  
**EP 92106288 A 19920410**; DE 69203293 T 19920410; FI 921758 A 19920421; JP 14323191 A 19910614; KR 920010196 A 19920612