

Title (en)  
Rotating machine

Title (de)  
Rotierende Maschine

Title (fr)  
Machine tournante

Publication  
**EP 1703080 A1 20060920 (DE)**

Application  
**EP 06110074 A 20060217**

Priority  
CH 3702005 A 20050303

Abstract (en)  
The machine has a rotor shaft (19) which is rotated about an axis and includes a slot, where the slot has a slot bottom with an elliptic cross-sectional contour. A stator concentrically surrounds the rotor shaft at a distance, and a shaft seal is arranged between the stator and the shaft, where the seal comprises a continuous annular slot (21). A sealing component is provided for each of the annular slots.

IPC 8 full level  
**F01D 5/30** (2006.01); **F01D 5/02** (2006.01); **F01D 11/00** (2006.01)

CPC (source: EP US)  
**F01D 5/30** (2013.01 - EP US); **F01D 5/303** (2013.01 - EP US); **F01D 5/3038** (2013.01 - EP US); **F01D 11/001** (2013.01 - EP US);  
**F05D 2240/60** (2013.01 - EP US); **F05D 2250/14** (2013.01 - EP US)

Citation (search report)

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