

Title (en)
Axial piston compressor

Title (de)
Axialkolbenverdichter

Title (fr)
Compresseur à pistons axiaux

Publication
EP 1662141 B1 20081008 (DE)

Application
EP 05022276 A 20051012

Priority
DE 102004057367 A 20041127

Abstract (en)
[origin: EP1662141A1] The axial piston compressor (1) has a housing (2), a cylinder block (3), at least one piston reciprocating in the cylinder block, a cylinder head (4), and induction gas chamber (5) mainly in the cylinder head, and induction gas entrance (6) and a drive shaft (7). The shaft seal (8) is fitted between the induction gas chamber and the induction gas entrance, sealing it towards the outside.

IPC 8 full level
F04B 27/08 (2006.01); **F04B 27/10** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)
F04B 27/0873 (2013.01); **F04B 27/1036** (2013.01); **F04B 27/1063** (2013.01); **F04B 27/1081** (2013.01); **F04B 39/123** (2013.01); **F04B 39/125** (2013.01)

Cited by
FR2971821A1; CN103384770A; US11293554B2; WO2012113517A1

Designated contracting state (EPC)
DE FR GB

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EP 1662141 A1 20060531; EP 1662141 B1 20081008; DE 102004057367 A1 20060601; DE 502005005604 D1 20081120

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