

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 1305524 B1 20061018 (DE)

Application
EP 01956582 A 20010802

Priority
• DE 20013338 U 20000802
• EP 0108967 W 20010802

Abstract (en)
[origin: US2004022646A1] The compressor has two rotors (14, 16), which are rotatably mounted in a housing (10) by means of a shaft each, the rotors (14, 16) rotating without contact with the housing. The rotors (14, 16) consist of a powder-metallurgical Al-Si alloy, and the housing (10) consists essentially of aluminum.

IPC 8 full level
F04B 39/00 (2006.01); **F04C 18/08** (2006.01); **C22C 1/04** (2006.01); **C22C 21/02** (2006.01); **F04C 18/12** (2006.01); **F04C 18/16** (2006.01); **F04C 18/18** (2006.01); **F04C 29/00** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP KR US)
C22C 1/0416 (2013.01 - EP US); **F04C 18/08** (2013.01 - KR); **F04C 18/123** (2013.01 - EP US); **F04C 2240/10** (2013.01 - EP US); **F04C 2240/20** (2013.01 - EP US); **F05C 2201/0436** (2013.01 - EP US); **F05C 2201/0442** (2013.01 - EP US); **F05C 2201/0466** (2013.01 - EP US); **F05C 2201/903** (2013.01 - EP US); **F05C 2203/0817** (2013.01 - EP US); **F05C 2251/046** (2013.01 - EP US)

Cited by
DE202016005207U1; DE202016005209U1; DE102016216279A1; US11300123B2; US11293435B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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US 2004022646 A1 20040205; **US 6918749 B2 20050719**; AT E343064 T1 20061115; AU 7852001 A 20020213; CA 2417794 A1 20030130; CA 2417794 C 20070313; CN 1277054 C 20060927; CN 1446290 A 20031001; DE 20013338 U1 20001228; DE 50111283 D1 20061130; EP 1305524 A1 20030502; EP 1305524 B1 20061018; JP 2004505210 A 20040219; KR 20030026992 A 20030403; WO 0210593 A1 20020207

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US 34344703 A 20030131; AT 01956582 T 20010802; AU 7852001 A 20010802; CA 2417794 A 20010802; CN 01813708 A 20010802; DE 20013338 U 20000802; DE 50111283 T 20010802; EP 0108967 W 20010802; EP 01956582 A 20010802; JP 2002516488 A 20010802; KR 20037001264 A 20030128