

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 2090780 A4 20141231 (EN)

Application
EP 07828567 A 20070927

Priority
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Abstract (en)
[origin: EP2090780A1] An integral structural part 8 is formed by integrally assembling a compression element 2 with a rotor 6 via a shaft 12. The natural frequency of the integral structural part 8 is larger than five times the maximum number of rotations of the compressor under its operation. Consequently, large noise and vibrations of the compressor can be prevented from occurrence during its operation.

IPC 8 full level
F04B 39/00 (2006.01); **F04C 18/32** (2006.01); **F04C 29/00** (2006.01); **F04C 23/00** (2006.01)

CPC (source: EP KR US)
F04C 18/322 (2013.01 - EP KR US); **F04C 23/008** (2013.01 - EP KR US); **F04C 29/0085** (2013.01 - EP KR US); **F25B 9/008** (2013.01 - KR); **F04C 2270/12** (2013.01 - EP KR US); **F05B 2210/12** (2013.01 - KR); **F05B 2240/10** (2013.01 - KR); **F05B 2240/20** (2013.01 - KR)

Citation (search report)
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• [Y] US 2006171835 A1 20060803 - DREIMAN NELIK I [US], et al
• [A] US 1925166 A 19330905 - ALEXANDER ROBERT L, et al
• See references of WO 2008065802A1

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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