

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 1687533 A1 20060809 (EN)

Application
EP 04799747 A 20041111

Priority
• JP 2004017134 W 20041111
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Abstract (en)
[origin: WO2005047699A1] An oil pump is provided with helical grooves 142 and 142' carved on the outer periphery of the shaft 125, with an approximately cup-shaped sleeve 146 loosely fit to the outer periphery of the shaft such that the bottom part of the shaft and the bottom plate of the above-mentioned sleeve are engaged in relatively rotatable manner, and with a rotation suppression means for suppressing the rotation of the sleeve. Thereby, even at the low rotation rate operation, oil is raised reliably to compressor unit, offering a highly reliable compressor operation.

IPC 8 full level
F04B 39/02 (2006.01)

CPC (source: EP KR US)
F04B 39/00 (2013.01 - KR); **F04B 39/02** (2013.01 - KR); **F04B 39/0246** (2013.01 - EP US); **F04B 39/0261** (2013.01 - EP US)

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See references of WO 2005047699A1

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JP 2004017134 W 20041111; CN 200480033460 A 20041111; EP 04799747 A 20041111; JP 2006519258 A 20041111; KR 20067009560 A 20060517; US 57819904 A 20041111