

Title (en)  
COMPRESSOR UNIT COMPRISING AN ECCENTRIC GEAR

Title (de)  
KOMPRESSOREINHEIT MIT UNRUNDGETRIEBE

Title (fr)  
UNITE COMPRESSEUR DOTE D'UN ENGRENAGE EXCENTRIQUE

Publication  
**EP 1902217 A1 20080326 (DE)**

Application  
**EP 06754197 A 20060608**

Priority  
• EP 2006005443 W 20060608  
• DE 102005030725 A 20050701

Abstract (en)  
[origin: WO2007003253A1] Disclosed is a compressor unit, especially for compressing air inside portable/transportable devices. Said compressor unit comprises a motor, a reciprocating compressor, and a gear unit that is disposed between the motor and the reciprocating compressor. Said gear unit is provided with at least one additional gear between the motor and the crank mechanism. Said additional gear generates torque on the crank, the torque changing during the time the additional gear performs one revolution.

IPC 8 full level  
**F04B 9/02** (2006.01); **F16H 35/02** (2006.01)

CPC (source: EP)  
**F04B 9/02** (2013.01); **F04B 35/04** (2013.01); **F16H 35/02** (2013.01); **F16H 2035/003** (2013.01)

Citation (search report)  
See references of WO 2007003253A1

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