

Title (en)
COMPRESSED AIR MOTOR

Title (de)
DRUCKLUFTMOTOR

Title (fr)
MOTEUR À AIR COMPRIMÉ

Publication
EP 2188496 B1 20110316 (DE)

Application
EP 08801157 A 20080815

Priority
• DE 2008001334 W 20080815
• DE 102007041461 A 20070831

Abstract (en)
[origin: US2010215531A1] A method for converting energy from compressed air into mechanical energy, and a compressed air motor therefor. The motor includes a shaft rotor and a counterpart rotor which intermesh with each other using trochoid toothing to effect rotation of a power takeoff shaft. Compressed air is used to operate the counterpart rotor which then operates the shaft rotor thereby converting the rotation of the shaft rotor or the power takeoff rotor into mechanical rotary energy.

IPC 8 full level
F01C 3/08 (2006.01)

CPC (source: EP US)
F01C 3/085 (2013.01 - EP US); **F01C 1/084** (2013.01 - EP US); **F04C 2240/50** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2010215531 A1 20100826; US 8517707 B2 20130827; AT E502185 T1 20110415; CN 101970801 A 20110209; CN 101970801 B 20130410; DE 102008037903 A1 20090305; DE 502008002903 D1 20110428; EP 2188496 A2 20100526; EP 2188496 B1 20110316; ES 2360270 T3 20110602; WO 2009026883 A2 20090305; WO 2009026883 A3 20090507

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US 67073508 A 20080815; AT 08801157 T 20080815; CN 200880104524 A 20080815; DE 102008037903 A 20080815; DE 2008001334 W 20080815; DE 502008002903 T 20080815; EP 08801157 A 20080815; ES 08801157 T 20080815