

Title (en)
A system comprising a compressor and a portable pneumatic pressure reservoir

Title (de)
System, das einen Kompressor und einen tragbaren Druckspeicher umfasst

Title (fr)
Système comprenant un compresseur et un réservoir portable sous pression

Publication
EP 1832747 A1 20070912 (EN)

Application
EP 06090135 A 20060815

Priority

- US 78023606 P 20060308
- US 44977206 A 20060609
- US 2006022610 W 20060609

Abstract (en)
Portable, pneumatically operable tool systems and compressors for providing pneumatic power therefor. In at least one embodiment, compressors capable of producing clean, dry compressed air/gas (e.g., either in naturally occurring atmospheric nitrogen/oxygen ratios or as purified nitrogen or in alternative ratios therebetween) employing atmospheric air as a starting material, for use by portable pneumatic tools systems. In certain additional embodiments, methods of compressing and/or purifying atmospheric air and of its use in portable pneumatic tool systems.

IPC 8 full level
F04B 27/06 (2006.01); **F04B 19/02** (2006.01); **F04B 35/04** (2006.01); **F04B 39/00** (2006.01); **F04B 39/06** (2006.01); **F04B 39/16** (2006.01); **F04B 41/02** (2006.01)

CPC (source: EP)
F04B 19/027 (2013.01); **F04B 27/06** (2013.01); **F04B 35/04** (2013.01); **F04B 39/0094** (2013.01); **F04B 39/064** (2013.01); **F04B 39/16** (2013.01); **F04B 41/02** (2013.01)

Citation (applicant)
US 6932128 B2 20050823 - TURAN JR ROBERT LEW [US]

Citation (search report)

- [YA] WO 2005114835 A2 20051201 - LUND MORTEN A [US]
- [DY] US 6932128 B2 20050823 - TURAN JR ROBERT LEW [US]
- [A] WO 2006037118 A2 20060406 - BLACK & DECKER INC [US], et al
- [A] US 2689679 A 19540921 - WALES LESTER C
- [A] US 2006102365 A1 20060518 - PHILLIPS ALAN [US], et al
- [A] DE 202004001455 U1 20040609 - PREBENA WILFRIED BORNEMANN SCH [DE]
- [A] US 2005214136 A1 20050929 - TSAI CHUNG-SHENG [TW]

Cited by
CN112253431A; CN102606451A

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1832747 A1 20070912

DOCDB simple family (application)
EP 06090135 A 20060815