

Title (en)

A SUPPLEMENT LUBRICANT FREE PNEUMATIC MOTOR

Title (de)

ZUSATZSCHMIERMITTELFREIER DRUCKLUFTMOTOR

Title (fr)

MOTEUR PENMATIQUE LIBRE DE LUBRIFIANT SUPPLEMENTAIRE

Publication

EP 2002091 A1 20081217 (EN)

Application

EP 07718651 A 20070329

Priority

- AU 2007000404 W 20070329
- AU 2006901600 A 20060329

Abstract (en)

[origin: WO2007109859A1] The present invention provides a pneumatic motor (10) having a motor body (12) having an air inlet (14) and an air outlet (16), at least one rotor (18) mounted in a chamber (15) of the motor body (12) and adapted to be driven by compressed air fed into the air inlet (14) and an adhesive lubricant applied to the at least one rotor (18), the lubricant being sufficiently adhesive to remain substantially adhered to the at least one rotor (18) under operational speeds in excess of 13500 rpm.

IPC 8 full level

F01M 9/12 (2006.01); **A61B 17/16** (2006.01); **A61B 17/24** (2006.01); **A61B 17/32** (2006.01); **B23B 45/04** (2006.01); **B25D 9/06** (2006.01);
E21D 13/04 (2006.01); **F01C 21/04** (2006.01); **F01C 21/08** (2006.01)

CPC (source: EP US)

E21B 3/02 (2013.01 - US); **F01C 21/04** (2013.01 - EP US); **A61B 2017/00544** (2013.01 - EP US); **E21B 3/02** (2013.01 - EP);
F04C 2230/91 (2013.01 - EP US); **F05C 2251/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2007109859A1

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)

WO 2007109859 A1 20071004; AU 2007231555 A1 20071004; CN 101415913 A 20090422; EP 2002091 A1 20081217;
RU 2008142732 A 20100510; US 2010028187 A1 20100204

DOCDB simple family (application)

AU 2007000404 W 20070329; AU 2007231555 A 20070329; CN 200780012267 A 20070329; EP 07718651 A 20070329;
RU 2008142732 A 20070329; US 29484707 A 20070329