

Title (en)
AIR COMPRESSOR

Title (de)
LUFTKOMPRESSOR

Title (fr)
COMPRESSEUR À AIR

Publication
EP 3412913 A2 20181212 (EN)

Application
EP 18170280 A 20180501

Priority
• US 201715584854 A 20170502
• US 201715794918 A 20171026

Abstract (en)
An air compressor system. The system includes a frame configured to be supported on support surface defining a plane. An air storage tank, supported by the frame, has a center of gravity at a first height measured along a direction perpendicular to the plane. A power supply, removably coupled to the frame, has a center of gravity at a second height measured along a direction perpendicular to the plane. A motor, driven by the power supply, has a center of gravity at a third height measured along the direction perpendicular to the plane. An air pump, fluidly coupled to the tank and driven by the motor, has a center of gravity at a fourth height measured along the direction perpendicular to the plane. The first height and the second height may be less than the third height and the fourth height.

IPC 8 full level
F04B 35/04 (2006.01); **F04B 35/06** (2006.01); **F04B 39/14** (2006.01); **F04B 41/02** (2006.01)

CPC (source: CN EP US)
F04B 35/04 (2013.01 - CN EP US); **F04B 35/06** (2013.01 - EP US); **F04B 39/00** (2013.01 - CN); **F04B 39/14** (2013.01 - EP US);
F04B 41/02 (2013.01 - CN EP US)

Cited by
WO2021063754A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2018320677 A1 20181108; AU 2018203009 A1 20181122; CA 3001798 A1 20181102; CN 108799070 A 20181113;
EP 3412913 A2 20181212; EP 3412913 A3 20190116

DOCDB simple family (application)
US 201715794918 A 20171026; AU 2018203009 A 20180501; CA 3001798 A 20180417; CN 201810411137 A 20180502;
EP 18170280 A 20180501