

Title (en)
ALTERNATIVE TWIN CYLINDER AIR COMPRESSOR

Title (de)
ALTERNATIVER ZWEIZYLINDER-LUFTKOMPRESSOR

Title (fr)
COMPRESSEUR D'AIR ALTERNATIF À DEUX CYLINDRES

Publication
EP 3543528 B1 20210303 (EN)

Application
EP 19162590 A 20190313

Priority
IT 201800003733 A 20180319

Abstract (en)
[origin: EP3543528A1] Described is an alternative twin cylinder air compressor comprising a first (4) and a second (5) pumping unit, arranged in line and having respective cylinders (40, 50), an electric motor interposed between the pumping units (4, 5), having a respective axis of rotation (A), the cylinders (40, 50) extending transversely to the axis of rotation (A), pneumatic connection means designed to allow the flow of air towards and away from the cylinders (40, 50).

IPC 8 full level
F04B 27/00 (2006.01); **F04B 35/04** (2006.01); **F04B 39/06** (2006.01); **F04B 39/12** (2006.01); **F04B 39/16** (2006.01)

CPC (source: CN EP US)
F04B 25/005 (2013.01 - US); **F04B 27/005** (2013.01 - CN EP US); **F04B 35/04** (2013.01 - CN EP US); **F04B 39/066** (2013.01 - CN EP US); **F04B 39/121** (2013.01 - EP US); **F04B 39/122** (2013.01 - CN); **F04B 39/123** (2013.01 - CN EP US); **F04B 39/125** (2013.01 - EP US); **F04B 39/16** (2013.01 - CN EP US)

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)
EP 3543528 A1 20190925; **EP 3543528 B1 20210303**; CN 110285034 A 20190927; ES 2866549 T3 20211019; IT 201800003733 A1 20190919; US 2019285062 A1 20190919

DOCDB simple family (application)
EP 19162590 A 20190313; CN 201910210305 A 20190319; ES 19162590 T 20190313; IT 201800003733 A 20180319; US 201916356080 A 20190318