

Title (en)

COMPRESSOR UNIT, AND COMPRESSOR

Title (de)

VERDICHTEREINHEIT, SOWIE VERDICHTER

Title (fr)

UNITÉ DE COMPRESSEUR, AINSI QUE COMPRESSEUR

Publication

EP 2828524 A1 20150128 (DE)

Application

EP 13710976 A 20130319

Priority

- DE 102012005297 A 20120319
- EP 2013000830 W 20130319

Abstract (en)

[origin: WO2013139468A1] Compressor unit (12) of a compressor (10) for compressing refrigerant, comprising a drive device, particularly a drive shaft (24), for driving one or more pistons (14) that are arranged in a radial direction and that can be moved back and forth in extension and retraction movements in corresponding cylinder bores (16), wherein the drive device is in operative engagement with an eccentric (28) that controls the extension movement of the pistons (14), said eccentric (28) also controlling the retraction movement of the piston (14), the invention further relating to a corresponding compressor (10).

IPC 8 full level

F04B 27/053 (2006.01); **F04B 27/04** (2006.01)

CPC (source: EP US)

F04B 9/045 (2013.01 - US); **F04B 17/03** (2013.01 - US); **F04B 27/0414** (2013.01 - EP US); **F04B 27/0428** (2013.01 - EP US); **F04B 27/0442** (2013.01 - EP US); **F04B 27/053** (2013.01 - EP US)

Citation (search report)

See references of WO 2013139468A1

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)

DE 102012005297 A1 20130919; CN 104334876 A 20150204; CN 104334876 B 20170517; EP 2828524 A1 20150128; EP 2828524 B1 20220511; US 2015044072 A1 20150212; US 9771930 B2 20170926; WO 2013139468 A1 20130926

DOCDB simple family (application)

DE 102012005297 A 20120319; CN 201380015247 A 20130319; EP 13710976 A 20130319; EP 2013000830 W 20130319; US 201314386468 A 20130319