

Title (en)
REFRIGERANT CONDENSER

Title (de)
KÄLTEMITTELVERDICHTER

Title (fr)
COMPRESSEUR DE LIQUIDE DE REFROIDISSEMENT

Publication
EP 3011181 A1 20160427 (DE)

Application
EP 14730912 A 20140617

Priority
• DE 102013106344 A 20130618
• EP 2014062729 W 20140617

Abstract (en)
[origin: WO2014202611A1] The invention relates to a refrigerant condenser, in particular a screw compressor, comprising a compressor housing (12), a compressor element (26, 28) which is driven by a drive and which is arranged in said compressor housing, at least one bearing unit (62, 64) for at least one element of the drive, comprising at least one bearing housing (116, 118) and at least one roller bearing (112, 114) arranged in the bearing housing. Said bearing housing is supplied with a lubricant from a lubricant distribution system (104) and is associated with a lubricant dosing unit (152, 154) which comprises a filter receiving chamber (182) and a filter body (184) is arranged in the filter receiving chamber.

IPC 8 full level
F04C 29/02 (2006.01); **F04C 18/16** (2006.01)

CPC (source: EP RU US)
F04C 18/16 (2013.01 - EP RU US); **F04C 29/026** (2013.01 - RU US); **F04C 29/028** (2013.01 - EP RU US); **F25B 31/002** (2013.01 - US);
F25B 31/026 (2013.01 - RU US); **F04C 23/008** (2013.01 - EP US); **F04C 29/0092** (2013.01 - US); **F04C 2240/50** (2013.01 - US);
F04C 2240/52 (2013.01 - 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)
DE 102013106344 A1 20141218; DE 102013106344 B4 20150312; CN 105283669 A 20160127; CN 105283669 B 20180403;
EP 3011181 A1 20160427; EP 3011181 B1 20200226; RU 2016101119 A 20170724; RU 2659420 C2 20180702; US 10508839 B2 20191217;
US 2016097572 A1 20160407; WO 2014202611 A1 20141224

DOCDB simple family (application)
DE 102013106344 A 20130618; CN 201480033760 A 20140617; EP 14730912 A 20140617; EP 2014062729 W 20140617;
RU 2016101119 A 20140617; US 201514969962 A 20151215