

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
EP 2507566 A2 20121010 (DE)

Application
EP 10781444 A 20101123

Priority
• DE 102009056518 A 20091202
• EP 2010007097 W 20101123

Abstract (en)
[origin: WO2011066914A2] The invention relates to a compressor (10, 200) for compressing refrigerant, comprising a drive mechanism arranged in a drive mechanism chamber (14) bounded at least partially by a drive mechanism housing (12), a suction gas volume (46) and a high pressure volume (48), wherein the high pressure volume (48) is in fluid communication via a second fluid connection (74) with the driving mechanism chamber (14), wherein the compressor further comprises a first fluid connection (54, 254) that can be brought into fluid communication or is in fluid communication with an oil-conducting volume (205) of a refrigeration system or of the compressor (10, 200), and wherein an oil separator (56) is arranged in the first fluid connection (54, 254).

IPC 8 full level
F25B 43/02 (2006.01)

CPC (source: EP US)
F04B 27/1804 (2013.01 - EP US); **F04B 53/18** (2013.01 - EP US); **F25B 31/002** (2013.01 - EP US); **F04B 2027/1827** (2013.01 - EP US)

Citation (search report)
See references of WO 2011066914A2

Citation (examination)
EP 0926346 A2 19990630 - TOYODA AUTOMATIC LOOM WORKS [JP]

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

DOCDB simple family (publication)
DE 102009056518 A1 20110609; AU 2010327140 A1 20120614; AU 2010327140 B2 20150326; BR 112012012840 A2 20160816; CN 102639872 A 20120815; CN 102639872 B 20161005; EP 2507566 A2 20121010; JP 2013511657 A 20130404; JP 5503749 B2 20140528; US 2012234038 A1 20120920; US 9021830 B2 20150505; WO 2011066914 A2 20110609; WO 2011066914 A3 20120405; WO 2011066914 A4 20120518

DOCDB simple family (application)
DE 102009056518 A 20091202; AU 2010327140 A 20101123; BR 112012012840 A 20101123; CN 201080054863 A 20101123; EP 10781444 A 20101123; EP 2010007097 W 20101123; JP 2012540308 A 20101123; US 201013513292 A 20101123