

Title (en)
COOLING COMPRESSOR WITH SYSTEM FOR REDUCING OIL OUTFLOW

Title (de)
KÜHLKOMPRESSOR MIT EINEM SYSTEM ZUR REDUZIERUNG VON ÖLAUSFLUSS

Title (fr)
COMPRESSEUR DE REFROIDISSEMENT EQUIPE D'UN SYSTEME DE REDUCTION DE DEBIT D'HUILE

Publication
EP 2344766 A1 20110720 (EN)

Application
EP 09736805 A 20091012

Priority
• DK 2009000219 W 20091012
• DK PA200801425 A 20081010

Abstract (en)
[origin: WO2010040355A1] Piston compressor for a cooling system, the piston compressor having a crankcase (8) with an oil sump (5), wherein said crankcase (8) is connected to the suction side (9) of said compressor by means of a pressure equalization connection (1), wherein the compressor comprises a liquid separator (11) for separating oil from at least a part of a gas flow prior to entering a compression chamber (19) of the compressor from the suction side (9) of the compressor, the liquid separator (11) comprising a gas inlet (2) and an oil outlet (4) for the separated oil, which oil outlet (4) is configured for discharging said separated oil into said oil sump (5), and wherein the liquid separator (11) is arranged so that gas passing from the crankcase (8) through said pressure equalization connection (1) enters the gas inlet (2) of said liquid separator (11) during normal operation. Furthermore a liquid separating kit for retrofitting to existing compressors and use thereof.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2010040355A1

Citation (third parties)
Third party :
US 2233168 A 19410225 - JOHNSON WILFRID E

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