

Title (en)

PROCESS FOR THE EXTERNAL FORCE-FEED LUBRICATION OF REFRIGERATING COMPRESSORS

Title (de)

VERFAHREN FÜR EINE EXTERNE ZWANGSGEFÜHRTE SCHMIERUNG VON KÜHLKOMPRESSOREN

Title (fr)

PROCÉDÉ POUR LA LUBRIFICATION EXTERNE FORCÉE DE COMPRESSEURS DE RÉFRIGÉRATION

Publication

EP 2990739 A1 20160302 (EN)

Application

EP 15182677 A 20150827

Priority

IT GE20140083 A 20140829

Abstract (en)

Lubrication system in refrigerating reciprocating compressors facilitating the implementation of refrigerating units with compressors in parallel based on the use of a centralized hydraulic pump that provides the compressors to be force-feed lubricated without leaving oil reserve in their crankcase causing them to operate in semi-dry condition.

IPC 8 full level

F25B 1/02 (2006.01); **F25B 31/00** (2006.01)

CPC (source: EP)

F25B 1/02 (2013.01); **F25B 31/004** (2013.01); **F25B 2400/06** (2013.01)

Citation (applicant)

ANDREA VERONDINI: "Quando il liquido entra in un compressore", SPECIALIST MAGAZINE ZEROSOTTOZERO, June 2015 (2015-06-01), pages 50 - 56

Citation (search report)

- [A] US 3719057 A 19730306 - GRANT W
- [A] US 2477093 A 19490726 - SHOEMAKER MALCOLM G
- [A] US 2013255286 A1 20131003 - SIEGERT JAN [DE]

Cited by

CN112368526A; US11604012B2

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 2990739 A1 20160302; EP 2990739 B1 20170913

DOCDB simple family (application)

EP 15182677 A 20150827