

Title (en)  
THERMALLY IMPROVED RECIPROCATING HERMETIC COMPRESSOR

Title (de)  
THERMISCH VERBESSERTER HERMETISCH GEKAPSELTER KOLBENVERDICHTER

Title (fr)  
COMPRESSEUR HERMÉTIQUE RÉCIPROQUE THERMIQUEMENT AMÉLIORÉ

Publication  
**EP 3017194 B1 20170208 (EN)**

Application  
**EP 13735006 A 20130704**

Priority  
EP 2013064205 W 20130704

Abstract (en)  
[origin: WO2015000523A1] The present invention relates to a reciprocating hermetic compressor (1) for use in a refrigeration appliance, comprises a cylinder block (2) having a compression chamber (3), a cylinder head (4) having a suction chamber (5) and an exhaust chamber (6), each being in fluid connection with the compression chamber (3) through a valve plate (7) interposed between the cylinder block (2) and the cylinder head (4), an exhaust silencer, separately provided from the cylinder head (4), for attenuating pressure pulsation of refrigerant received from the exhaust chamber (6), a metal exhaust tube (8) for guiding the refrigerant from the exhaust chamber (6) to the exhaust silencer and a metal coupling (9) for fluidly connecting the exhaust chamber (6) with the exhaust tube (8).

IPC 8 full level  
**F04B 39/00** (2006.01); **F04B 39/12** (2006.01)

CPC (source: EP)  
**F04B 39/0055** (2013.01); **F04B 39/0061** (2013.01); **F04B 39/0072** (2013.01); **F04B 39/123** (2013.01); **F04B 39/125** (2013.01)

Cited by  
EP3617515A4

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)  
**WO 2015000523 A1 20150108**; EP 3017194 A1 20160511; EP 3017194 B1 20170208; ES 2623063 T3 20170710; SI 3017194 T1 20170630

DOCDB simple family (application)  
**EP 2013064205 W 20130704**; EP 13735006 A 20130704; ES 13735006 T 20130704; SI 201330630 A 20130704