

Title (en)

Device and method for balancing oil between compressors

Title (de)

Verfahren und Vorrichtung zum Ölausgleich zwischen Kompressoren

Title (fr)

Dispositif et procédé d'équilibrage d'huile entre compresseurs

Publication

EP 2034258 B1 20110622 (FR)

Application

EP 08163878 A 20080908

Priority

FR 0757430 A 20070907

Abstract (en)

[origin: EP2034258A1] The device has a low pressure compressor (1) mounted in series with a high pressure compressor (2) through a series connection (B). Each compressor respectively comprises cases (5, 6) for retaining oil. A tube (3) connects the cases of the compressors and comprises a control valve (9) to perform balancing between internal pressure of the low pressure compressor and internal pressure of the high-pressure compressor. An independent claim is also included for a method for performing rapid balancing of oil i.e. lubricating oil, between a high pressure compressor and a lower pressure compressor in a thermodynamic device.

IPC 8 full level

F25B 31/00 (2006.01)

CPC (source: EP)

F25B 1/10 (2013.01); **F25B 31/004** (2013.01)

Cited by

CN102818390A; DE102013014543A1; EP3392577A4; FR2977657A1; JP2014145556A; EP2762803A3; WO2013004974A1; US8863533B2; US9377231B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2034258 A1 20090311; **EP 2034258 B1 20110622**; AT E514043 T1 20110715; FR 2920838 A1 20090313; FR 2920838 B1 20091127; PL 2034258 T3 20111130

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