

Title (en)

METHOD AND APPARATUS FOR COMMON PRESSURE AND OIL EQUALIZATION IN MULTI-COMPRESSOR SYSTEMS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GEMEINSAMEN DRUCK- UND ÖLAUSGLEICH IN MEHRVERDICHTERSYSTEMEN

Title (fr)

PROCÉDÉ ET APPAREIL D'ÉGALISATION DE L'HUILE ET DE LA PRESSION COURANTE DANS DES SYSTÈMES À PLUSIEURS COMPRESSEURS

Publication

EP 3406909 A1 20181128 (EN)

Application

EP 18170987 A 20180507

Priority

US 201715606571 A 20170526

Abstract (en)

A compressor system includes a first compressor and a second compressor. A common equalization line fluidly couples the first compressor and the second compressor and provides a single path for passage of fluids between the first compressor and the second compressor. An obstruction device is disposed in the common equalization line. Responsive to one of the first compressor and the second compressor being deactivated while the other of the first compressor and the second compressor remains active, the obstruction device is in a closed configuration. When in the closed configuration, the obstruction device prevents flow of fluid between the first compressor and the second compressor. Prevention of fluid flow between the first compressor and the second compressor causes at least minimum prescribed fluid levels to be maintained in the first compressor and the second compressor.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] EP 1120611 A1 20010801 - DAIKIN IND LTD [JP]
- [X] EP 0403239 A2 19901219 - HITACHI LTD [JP]

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