

Title (en)

EXPANSION VALVE BLOCK WITH CO-ORDINATED HIGH- AND LOW-PRESSURE CIRCUIT CONTROL MEANS

Title (de)

DROSSELVENTILANORDNUNG MIT KOORDINierter STEUERUNG VON HOCH- UND NIEDERDRUCK KREISLÄUFEN

Title (fr)

BLOC ROBINET-DÉTENDEUR À COMMANDES DE CIRCUITS HAUTE ET BASSE PRESSION COORDONNÉES

Publication

**EP 1642182 A1 20060405 (FR)**

Application

**EP 04767385 A 20040618**

Priority

- FR 2004001526 W 20040618
- FR 0307672 A 20030625

Abstract (en)

[origin: WO2005001590A1] The invention relates to an expansion valve block which is equipped with co-ordinated means (8) for isolating the high-pressure circuit (3) and the low-pressure circuit (4) such that, when the gas delivery inlet is opened and closed, the two circuits are automatically controlled using the sequence that best guarantees the immunity of the installation.

IPC 1-7

**G05D 16/04**; **G05D 16/10**

IPC 8 full level

**G05D 16/04** (2006.01); **G05D 16/10** (2006.01)

CPC (source: EP US)

**G05D 16/107** (2018.12 - EP US); **Y10T 137/0318** (2015.04 - EP US); **Y10T 137/7808** (2015.04 - EP US); **Y10T 137/87917** (2015.04 - EP US)

Citation (search report)

See references of WO 2005001590A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2856809 A1 20041231**; **FR 2856809 B1 20050805**; AU 2004252599 A1 20050106; AU 2004252599 B2 20091008; BR PI0411940 A 20061017; CA 2528342 A1 20050106; CA 2528342 C 20150421; EP 1642182 A1 20060405; JP 2007514894 A 20070607; JP 4659739 B2 20110330; US 2006137748 A1 20060629; US 7591276 B2 20090922; WO 2005001590 A1 20050106

DOCDB simple family (application)

**FR 0307672 A 20030625**; AU 2004252599 A 20040618; BR PI0411940 A 20040618; CA 2528342 A 20040618; EP 04767385 A 20040618; FR 2004001526 W 20040618; JP 2006516304 A 20040618; US 56019505 A 20051208