

Title (en)

GAS INJECTION VALVE FOR A COMPRESSOR, COMPRESSOR WITH SUCH A GAS INJECTION VALVE AND METHOD FOR OPERATING A COMPRESSOR WITH SUCH A GAS INJECTION VALVE

Title (de)

GASEINLASSVENTIL FÜR EINEN KOMPRESSOR, KOMPRESSOR MIT EINEM DERARTIGEN GASEINLASSVENTIL SOWIE VERFAHREN ZUM BETREIBEN EINES KOMPRESSORS MIT EINEM DERARTIGEN GASEINLASSVENTIL

Title (fr)

VALVE D'ENTRÉE DE GAZ POUR UN COMPRESSEUR, COMPRESSEUR ÉQUIPÉ D'UNE TELLE VALVE D'ENTRÉE DE GAZ ET PROCÉDÉ DE FONCTIONNEMENT D'UN COMPRESSEUR ÉQUIPÉ D'UNE TELLE VALVE D'ENTRÉE DE GAZ

Publication

**EP 2584200 B1 20240417 (DE)**

Application

**EP 12189089 A 20121018**

Priority

DE 102011084811 A 20111019

Abstract (en)

[origin: EP2584200A2] The gas inlet valve (1) has a piston unit (42) that is provided with piston portions. The piston portions are provided in corresponding barrel portion (22) of housing (2). A piston rod (38) is provided in housing and valve portion (57) of valve device (6) is mechanically coupled with a piston unit. A fluid conduit (39) and cylinder chamber of barrel portion is operatively connected with gas outlet portion (4). An actuating pressure is applied to another cylinder chamber of another barrel portion for lifting valve portion of valve seat (56). An independent claim is included for a method for operating compressor.

IPC 8 full level

**F04C 28/26** (2006.01); **F04C 18/16** (2006.01); **F04C 28/06** (2006.01); **F04C 28/24** (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP US)

**F04C 28/06** (2013.01 - EP US); **F04C 28/24** (2013.01 - EP US); **F04C 28/26** (2013.01 - EP US); **F04C 29/124** (2013.01 - EP US); **F04C 29/126** (2013.01 - US); **F04C 18/16** (2013.01 - EP US); **F04C 2270/58** (2013.01 - EP US)

Cited by

CN109098971A; US2013136638A1; US9651048B2

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DOCDB simple family (publication)

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