

Title (en)

Operating method of a compressor having a downstream user, and system operating according to this method

Title (de)

Verfahren zum Betreiben eines Kompressors mit nachgeschaltetem Verbraucher, und nach dem Verfahren arbeitende Anlage

Title (fr)

Procédé d'opération d'un compresseur et système fonctionnant selon ce procédé

Publication

EP 1016787 A3 20010221 (DE)

Application

EP 99121245 A 19991025

Priority

DE 19860639 A 19981229

Abstract (en)

[origin: EP1016787A2] A throttle device (9) on the suction side of the compressor (3) is regulated depending on the gas take-up of the user station (7) downstream from the compressor, so that the cross-section of the device is reduced as the gas take-up falls. An Independent claim is also included for the compressor arrangement used.

IPC 1-7

F04D 27/02

IPC 8 full level

F04D 27/02 (2006.01)

CPC (source: EP US)

F04D 27/0284 (2013.01 - EP US)

Citation (search report)

- [A] US 4212599 A 19800715 - LANTERMANN HEINZ [DE]
- [A] GB 2115110 A 19830901 - HOERBIGER VENTILWERKE AG
- [A] CH 397135 A 19650815 - GUTEHOFFNUNGSHUETTE STERKRADE [DE]
- [A] US 4273514 A 19810616 - SHORE DAVID, et al

Cited by

CN110195715A; EP2530329A1; EP1635066A3; BE1026036B1; CN111699321A; US12025119B2; WO2012163715A3; EP1635066A2; US7497668B2; WO2019162872A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1016787 A2 20000705; EP 1016787 A3 20010221; EP 1016787 B1 20031210; DE 19860639 A1 20000706; DE 59908016 D1 20040122; US 6293766 B1 20010925

DOCDB simple family (application)

EP 99121245 A 19991025; DE 19860639 A 19981229; DE 59908016 T 19991025; US 47049699 A 19991222