

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

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