

Title (en)

METHOD FOR OPERATING A MULTISTAGE COMPRESSOR

Title (de)

VERFAHREN ZUM BETRIEB EINES MEHRSTUFIGEN VERDICHTERS

Title (fr)

PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN COMPRESSEUR À ÉTAGES MULTIPLES

Publication

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Application

EP 09799295 A 20091123

Priority

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Abstract (en)

[origin: WO2010058002A1] The invention relates to a method for operating a multistage compressor (CO), comprising monitoring the pump limit (SL), wherein at least a first measurement parameter measured during operation is compared to a reference parameter, said reference parameter being characteristic of reaching the pump limit (SL) or a specific distance of the operating point (OP1, OP2) from the pump limit (SL). The invention further relates to a multistage compressor. In order to enlarge the operating range without risking safety, it is proposed that each stage (ST1 to ST4) be monitored individually for the onset of the pump.

IPC 8 full level

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Citation (search report)

See references of WO 2010058002A1

Citation (examination)

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- US 4807150 A 19890221 - HOBBS JAMES W [US]
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- PETER C RASMUSSEN ET AL: "Centrifugal Compressor Applications -- Upstream and midstream", 1 January 2009 (2009-01-01), XP055139676, Retrieved from the Internet <URL:http://turbolab.tamu.edu/proc/turboproc/T38/ch16_Rasmussen.pdf> [retrieved on 20140911]

Citation (third parties)

Third party :

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- US 4825380 A 19890425 - HOBBS JAMES W [US]
- EP 0769624 A1 19970423 - COMPRESSOR CONTROLS CORP [US]

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DOCDB simple family (publication)

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