

Title (en)
AIRFLOW COMPRESSOR CONTROL SYSTEM AND METHOD

Title (de)
LUFTSTROMDRUCK-STEUERSYSTEM UND -VERFAHREN

Title (fr)
SYSTEME ET PROCEDE DE CONTROLE D'UN COMPRESSEUR A ECOULEMENT D'AIR

Publication
EP 1979615 A4 20110330 (EN)

Application
EP 07762731 A 20070130

Priority
• US 2007002643 W 20070130
• US 76424306 P 20060201

Abstract (en)
[origin: US2007177983A1] A gas compression system is operable to deliver a flow of compressed gas to a point of use. The gas compression system includes a compressor that is operable to produce a flow of compressed gas at a first pressure, a motor operable to drive the compressor at a compressor speed, and a gas treatment member positioned to receive the flow of compressed gas from the compressor and deliver the flow of compressed gas to the point of use at a second pressure. A controller is operable to vary the compressor speed in response to a difference between the first pressure and the second pressure.

IPC 8 full level
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Citation (search report)
• [X] US 5295790 A 19940322 - BOSSART CLAYTON J [US], et al
• [X] US 4527953 A 19850709 - BAKER W BARRY [US], et al
• [Y] US 5627769 A 19970506 - HALLIKAINEN KEIJO [FI]
• [Y] US 2942421 A 19600628 - HANN MELVIN M, et al
• [Y] US 3584977 A 19710615 - COLEMAN WILLIAM HAROLD, et al
• See references of WO 2007089842A1

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US 2007177983 A1 20070802; CN 101379294 A 20090304; EP 1979615 A1 20081015; EP 1979615 A4 20110330;
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DOCDB simple family (application)
US 66853907 A 20070130; CN 200780004288 A 20070130; EP 07762731 A 20070130; US 2007002643 W 20070130