

Title (en)
ENGINE DRIVEN COMPRESSOR

Title (de)
MOTORGETRIEBENER VERDICHTER

Title (fr)
MOTOCOMPRESSEUR

Publication
EP 1427941 B1 20080910 (EN)

Application
EP 02757470 A 20020830

Priority
• US 0227602 W 20020830
• US 31610001 P 20010830

Abstract (en)
[origin: WO03021108A1] A compressor assembly (110) comprises a compressor (114) including a fluid inlet (122) having an inlet valve (126) and an engine (118) that drives the compressor (114). A tank (130) receives pressurized fluid from the compressor (114), and includes an outlet (134) for discharging pressurized fluid. A control system (142) is in fluid communication with the tank (130), and a regulator (138) provides fluid flow from the tank (130) to the control system (142) when the pressure within the tank (130) exceeds a set point pressure. A pneumatic controller (146) controls the inlet valve (126) in response to the fluid pressure within the control system (142). An electronic controller (166) controls the speed of the engine (118) in response to fluid pressure within the control system (142). A control pressure sensor (170) senses fluid pressure within the control system (142) and provides a control pressure signal (174) to the electronic controller (166).

IPC 8 full level
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CPC (source: EP)
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