

Title (en)

WATER INJECTION COMPRESSOR PLANT FOR PRODUCING COMPRESSED AIR

Title (de)

WASSEREINGESPRITZTE KOMPRESSORENANLAGE ZUR ERZEUGUNG VON DRUCKLUFT

Title (fr)

INSTALLATION DE COMPRESSEUR A INJECTION D'EAU POUR LA PRODUCTION D'AIR COMPRI ME

Publication

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Application

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Abstract (en)

[origin: WO2006090276A1] The invention relates to a method for regenerating the internal water circuit of a compressor plant (1) for producing compressed air (46) essentially comprising a compressor stage (2) which is cooled and lubricated by injected water. A compressed air concept comprises other compressed gases, for example oxygen (O₂), nitrogen (N₂) and/or carbon dioxide (CO₂). At least one electronically controlled ultrasonic transmitter (41, 42) transmits ultrasonic waves to water accumulations in the compressor plant (1). The ultrasonic transmitters (41, 42) are arranged on the compressor stages (2) in an air/water separator, in cyclone separators (44), in a water cooler (7) in water filters (14, 26) and/or in water conduits (6, 10).

IPC 8 full level

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