

Title (en)

METHOD AND DEVICE FOR COMPENSATING PULSATION OF A COMPRESSOR

Title (de)

VERFAHREN UND EINRICHTUNG ZUR SCHWINGUNGSKOMPENSATION BEI EINEM KOLBENKOMPRESSOR

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR COMPENSER DES PULSATIONS D'UN COMPRESSEUR

Publication

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Application

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Abstract (en)

[origin: WO2017215991A1] The invention relates to a method and to an apparatus for vibration compensation in a piston compressor, the piston compressor (1) of which is driven by means of a crankshaft (5) by a three-phase motor (2) controlled by a frequency converter (6), wherein the current position the crankshaft (5) of the piston compressor (1) is determined, and based on this the frequency converter (6), a torque (MM) for the three-phase motor (2) is predetermined, which torque follows the load torque (ML) of the piston compressor (1) in order to reduce the vibration stimulation of the entire piston compressor.

IPC 8 full level

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