

Title (en)

METHOD FOR OPTIMIZING THE FUNCTIONING OF A PLURALITY OF COMPRESSOR UNITS AND CORRESPONDING DEVICE

Title (de)

VERFAHREN ZUR OPTIMIERUNG DES BETRIEBS MEHRERER VERDICHTERAGGREGATE UND VORRICHTUNG HIERZU

Title (fr)

PROCEDE D'OPTIMISATION DU FONCTIONNEMENT DE PLUSIEURS GROUPES DE COMPRESSEURS ET DISPOSITIF CORRESPONDANT

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Application

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Priority

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Abstract (en)

[origin: US7676283B2] In a method for controlling a compression installation (1), the installation has at least two compressor units ($i=1, \dots, N$) that can be separately turned on or off, a plurality of devices for modifying the output of the compressor units and a control device (10). Known methods and devices do not function optimally in terms of the power consumption of the entire compression installation. The power consumption (EG) for the operation of a plurality of compressor units ($i=1, \dots, N$) of a compression installation (1) can be optimized by calculating a novel circuit configuration (S_i, t) and automatically adjusting the novel circuit configuration (S_i, t) by a control device (10).

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