

Title (en)

HIGH-ENERGY EFFICIENCY PLANT FOR AUTOMOTIVE METHANE COMPRESSION

Title (de)

ANLAGE MIT HOHER ENERGIEAUSBEUTE FÜR KRAFTFAHRZEUGMETHANVERDICHTUNG

Title (fr)

INSTALLATION À HAUT RENDEMENT ÉNERGÉTIQUE POUR LA COMPRESSION DE MÉTHANE POUR AUTOMOBILE

Publication

EP 2232076 A2 20100929 (EN)

Application

EP 08857951 A 20081201

Priority

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- IT AN20070063 A 20071204

Abstract (en)

[origin: WO2009072160A2] A gas compression plant (1) including at least a gas compressor (2) and at least a cylinder casing (3) is disclosed. The compressor (2) completely compresses the gas via at least two consecutive compression stages. The cylinder casing (3) contains as many cylinders (4) as the compression stages, the compressed gas being stored in the cylinders (4) substantially at the maximum pressure achieved in each compression stage. The gas compression plant (1) comprises means to feed the compressor (2), prior to the execution of each consecutive stage, with gas from the previous compression stage, stored in the respective cylinder (4).

IPC 8 full level

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CPC (source: EP)

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