

Title (en)  
INSTALLATION FOR HIGH PRESSURE COMPRESSION WITH SEVERAL STAGES

Title (de)  
ANLAGE FÜR HOCHDRUCKKOMPRIMIERUNG MIT MEHREREN STUFEN

Title (fr)  
INSTALLATION DE COMPRESSION HAUTE PRESSION A PLUSIEURS ETAGES

Publication  
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Application  
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Abstract (en)  
[origin: WO2007025357A1] The invention concerns an installation for high pressure compression with several stages, normally used for producing PET bottles. The inventive installation comprises a main pipe (2) emerging in a baffle plate (3), wherein at least two compressors (4, 5) are mounted in series each having its own drive member (9, 10). The installation is equipped with means (7) for determining the pressure at the output of the main pipe (2), said installation being connected to a control box (8). Typically, the control box (8) is connected to at least two of the drive members (9, 10) of the compressors (4, 5) and ensures monitoring of said compressors such that the latter rotate jointly whether charged or uncharged. Thus, the compressors (4, 5) are jointly charged based on the pressure prevailing in the baffle plate (3), such that the charging of the compressor representing the overpressure stage, the compressor(s) of the lower compression stages are automatically and jointly charged.

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