

Title (en)
PRESSURE CONTROL UNIT

Title (de)
DRUCKREGELEINHEIT

Title (fr)
RÉGULATEUR DE PRESSION

Publication
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Application
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Abstract (en)
[origin: WO2009062276A1] The present invention relates to a novel pressure control unit (1) for air compressors, which was never described in prior art up to the present. The pressure control unit (1) comprises all basic instruments and components, namely a pressure regulating valve (3.4), a safety valve (3.9), a pressure relief valve (3.10), an emergency button (2.6) and a selector switch (3.6), combined into a single robust and practical housing 2,3 comprising an inlet (3.8) and an outlet (3.11). The pressure control unit, according to the present invention, has a major model and a constructive variant, wherein said major model is essentially digital (2.3, 2.4, 2.5), and said constructive variant is essentially analog (4.1). The main advantages from the use of the pressure control unit, according to the present invention, are related to the following features: easy installation; simple and pleasant interface, and long lifetime of the internal components and instruments, which are protected by a robust housing.

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