

Title (en)
AIR COMPRESSOR APPARATUS

Title (de)
LUFTKOMPRESSORVORRICHTUNG

Title (fr)
APPAREIL DE COMPRESSEUR D'AIR

Publication
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Application
EP 13874477 A 20130207

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Abstract (en)
[origin: EP2955380A1] An air compressor is disclosed, which can keep the pressure of air supply less than a safety pressure without using a safety valve, so that a tire can be inflated without exceeding a safety pressure thereof. One feature of the air compressor is that: when the piston body, which conducts reciprocating motion in the cylinder, reaches top dead center, a space is existed between the head of the piston body and the top wall of the cylinder. Another feature of the air compressor is that: an adjusting bolt is used to adjust the volume of the auxiliary air chamber to change the maximum permissible output pressure of the air compressor to suit an object. As such, the air compressor does not require a mechanical safety valve to release air for limiting the pressure of air supply. The air compressor can protect a tire from over-inflation and save the manufacturing cost.

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