

Title (en)
DEVICE FOR COMPRESSING GASES

Title (de)
EINRICHTUNG ZUR VERDICHTUNG VON GASEN

Title (fr)
DISPOSITIF POUR COMPRIMER DES GAZ

Publication
EP 1527278 B1 20111026 (DE)

Application
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Abstract (en)
[origin: WO2004011805A1] The invention relates to a device for compressing gases, especially air, preferably for filling tyres of motor vehicles. Said device comprises a piston which is mounted in a cylinder, can be displaced back and forth, and is driven by an especially electromechanical drive which is preferably connected to a battery. Said piston comprises an annular seal on the inner wall of the cylinder. According to the invention, the annular seal (17) has a number of cuts (45), preferably between 6 and 12, especially between 8 and 10, especially for improving the sealing and compression behaviour.

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Cited by
CN103573611A

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