

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  
**EP 03737736 A 20030723**

Priority  
• AT 0300210 W 20030723  
• AT 11272002 A 20020724

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.

IPC 8 full level  
**F04B 39/00** (2006.01)

CPC (source: EP)  
**F04B 39/0005** (2013.01)

Cited by  
CN103573611A

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004011805 A1 20040205**; AT 414270 B 20061015; AT A11272002 A 20060115; AT E530769 T1 20111115; AU 2003245104 A1 20040216; EP 1527278 A1 20050504; EP 1527278 B1 20111026

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