

Title (en)

Station for supplying pressurized gas to tanks, in particular tanks mounted on motor vehicles

Title (de)

Station zur Versorgung von Tanks mit unter Druck stehendem Gas, insbesondere von auf Kraftfahrzeugen montierten Tanks

Title (fr)

Station d'approvisionnement en gaz sous pression pour réservoirs, en particulier les réservoirs installés sur des véhicules à moteur

Publication

**EP 1837587 A3 20110427 (EN)**

Application

**EP 07104310 A 20070316**

Priority

IT BO20060196 A 20060320

Abstract (en)

[origin: EP1837587A2] Station for supplying pressurised gas to tanks, in particular tanks installed on motor vehicles, of the type including a compression group (C), operated through transmission means by a motor (M), whose aspiration inlet is connected to a delivery net (RG) of the gas at low pressure, and whose delivery is functionally connected to a device (D) for delivering the gas at higher pressure by a plurality of connectors (U1, U 2 , ..., UN), which can be connected to as many users. The transmission means include at least one oil-pressure pump (P OL ), operated by the shaft of the motor (M) and a hydraulic motor (M OL ), fed by said the pump (P OL ) and driving into rotation the operation shaft of the compression group (C).

IPC 8 full level

**F17C 1/00** (2006.01); **F17C 13/12** (2006.01)

CPC (source: EP)

**F17C 13/12** (2013.01); **F17C 2221/033** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/033** (2013.01); **F17C 2225/0123** (2013.01); **F17C 2225/036** (2013.01); **F17C 2227/0164** (2013.01); **F17C 2227/0337** (2013.01); **F17C 2250/043** (2013.01); **F17C 2250/0626** (2013.01); **F17C 2260/042** (2013.01); **F17C 2265/065** (2013.01); **F17C 2270/0168** (2013.01)

Citation (search report)

- [I] US 6568911 B1 20030527 - BRIGHTWELL ALAN [GB], et al
- [I] US 5454408 A 19951003 - DIBELLA FRANCIS A [US], et al
- [I] DE 10018612 C1 20011206 - WINTER HERMANN JOSEF [DE]
- [I] US 6792981 B1 20040921 - MANNING MICHAEL S [US], et al
- [I] US 5351726 A 19941004 - DIGGINS DAVID A [US]
- [I] DE 19650999 C1 19980604 - MANNESMANN AG [DE]
- [I] DE 19843669 C1 20000316 - WINTER HERMANN JOSEF [DE]

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