

## 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)

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## 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]

## Designated contracting state (EPC)

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## Designated extension state (EPC)

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