

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 A2 20070926 (EN)

Application

EP 07104310 A 20070316

Priority

IT BO20060196 A 20060320

Abstract (en)

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)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1837587 A2 20070926; **EP 1837587 A3 20110427**; **EP 1837587 A9 20080227**; **EP 1837587 B1 20120606**; ES 2388878 T3 20121019; IT BO20060196 A1 20070921

DOCDB simple family (application)

EP 07104310 A 20070316; ES 07104310 T 20070316; IT BO20060196 A 20060320