

Title (en)
VALVE SYSTEM FOR GAS BOTTLE BUNDLE

Title (de)
VENTILSYSTEM FÜR GASFLASCHENBÜNDEL

Title (fr)
SYSTÈME DE SOUPAPE POUR DES GROUPES DE BOUTEILLES DE GAZ

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Application
EP 15748248 A 20150810

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Abstract (en)
[origin: WO2016020552A1] The invention relates to a valve system (10; 10'; 10"; 10'''; 10a, 10b) for a transportable, refillable gas bottle bundle (12a, 12b) and/or to a gas bottle group (100) comprising – a first gas line connection (18; 18') having a screw connection (30; 31) suitable for durably gas-tight connections, which screw connection is designed to connect the first gas line connection (18; 18') to a first outward line (44; 44a, 44b, 44c, 44d) in a durably gas-tight manner, – at least one second gas line connection (22, 22a, 22b) having a screw connection (30; 31) suitable for durably gas-tight connections, which screw connection is designed to connect the second gas line connection (22, 22a, 22b) to an inward line (42), a gas line connection unit (38) and/or a gas bottle (14a, 14b) in a durably gas-tight manner, and – at least one valve system line (20) connecting the first gas line connection (18; 18') and the at least one second gas line connection (22, 22a, 22b) in a durably gas-tight manner, wherein the valve system (10; 10'; 10"; 10a, 10b) has a connection sealing unit (32) which has a closed state and at least one open state and is arranged and designed such that, in the closed state, it prevents a gas flow through a lumen (36) of the first gas line connection (18; 18') and, in the at least one open state, permits a gas flow through the lumen (36) of the first gas line connection (18; 18').

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