

Title (en)
COUPLING DEVICE FOR A COMPRESSED GAS CYLINDER

Title (de)
KUPPLUNG FÜR EINE DRUCKGASFLASCHE

Title (fr)
DISPOSITIF D'ACCOUPLEMENT D'UNE BOUTEILLE DE GAZ SOUS PRESSION

Publication
EP 1745231 B1 20080416 (DE)

Application
EP 05755933 A 20050509

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Abstract (en)
[origin: WO2005111478A1] The invention relates to a coupling device for a compressed gas cylinder (2), said coupling device comprising a separate coupling part (12) that can be screwed to the cylinder valve (1) by means of a standardised connecting piece (3). The connection to the connecting element (7) of a pressure reducer (6) or the like is carried out by plug-in connection means that can be plugged into each other and sealed from the outside in such a way that they are protected from any dirt. The closing element provided on the coupling part simultaneously forms an evacuation protection device that, in the uncoupled state, enables only the evacuation of a defined gas quantity when the cylinder valve is opened.

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