

Title (en)

Connecting systems between a gas bottle and a gas discharge head.

Title (de)

System zum Verbinden eines Gasbehälters mit einem Gasabnahmekopf.

Title (fr)

Système de liaison d'un réservoir à gaz à une tête de prélèvement de ce gaz.

Publication

**EP 0034555 A1 19810826 (FR)**

Application

**EP 81420018 A 19810213**

Priority

FR 8003639 A 19800214

Abstract (en)

1. Attachment system (3) for a gas extraction device or head (2) in relation to a tank of gas under pressure such as an interchangeable cartridge (1) forming a non-returnable packing, of the type constituted by a holder intended to receive the cartridge (1), comprising at least two support pieces (4, 5-8, 9-11, 12) which are movable relative to each other and formed so as to enclose at least partially the said cartridge (1) and an annular tightness means (2b) intended to be applied in a tight manner against the central part (1b) of the upper wall of the cartridge (1), the gas extraction head (2) having axial means for perforation of the cartridge on the interior of the tightness means and being able to be screwed axially on the holder, characterized in that - at least partial - screwing of the gas extraction head (2) on the holder constitutes a means sufficient to lock the two support pieces (4, 5-8, 9-11, 12) relative to each other to close the holder on the cartridge (1), and in that the total unscrewing of the gas extraction head (2) constitutes a means to release the two support pieces (4, 5-8, 9-11, 12) relative to each other to open the holder.

Abstract (fr)

Chacun de ces systèmes comprend un support réalisé au moyen de deux coquilles (4, 5) articulées entre elles au niveau de leur base autour d'un axe (6, 7) de manière qu'en position fermée une ouverture centrale fileté (5g) se trouve en coïncidence axiale avec une découpe centrale (4h) ménagée dans la coquille (4) de sorte que le vissage du filetage (2a) d'une tête de prélèvement (2) verrouille ensemble les deux coquilles et que le dévissage total de cette tête constitue un moyen nécessaire pour libérer les coquilles. Appareil portatif fonctionnant à gaz combustible.

IPC 1-7

**F17C 13/08**; **F24C 3/14**

IPC 8 full level

**F17C 13/08** (2006.01); **F24C 3/14** (2006.01)

CPC (source: EP US)

**F17C 13/084** (2013.01 - EP); **F24C 3/14** (2013.01 - EP US); **F17C 2205/032** (2013.01 - EP); **F17C 2270/0709** (2013.01 - EP)

Citation (search report)

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Cited by

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