

Title (en)

CONNECTING SYSTEMS BETWEEN A GAS BOTTLE AND A GAS DISCHARGE HEAD

Publication

EP 0034555 B1 19831005 (FR)

Application

EP 81420018 A 19810213

Priority

FR 8003639 A 19800214

Abstract (en)

[origin: EP0034555A1] 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.

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 (examination)

- FR 1133075 A 19570320 - DESSINS ETUDES
- FR 2398962 A1 19790223 - APPLIC GAZ SA [FR]
- FR 1419891 A 19651203 - ANTARGAZ
- FR 1143922 A 19571007 - DESSINS ETUDES
- FR 1301350 A 19620817 - A D G SOC D APPLIC DES GAZ

Cited by

EP4279793A1; IT202200010247A1

Designated contracting state (EPC)

DE GB IT NL SE

DOCDB simple family (publication)

EP 0034555 A1 19810826; **EP 0034555 B1 19831005**; DE 3161070 D1 19831110; FR 2476269 A1 19810821; FR 2476269 B1 19820108; JP S5718900 A 19820130

DOCDB simple family (application)

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