

Title (en)

System for fixing an apparatus on a pressurized storage tank.

Title (de)

Vorrichtung zum Anbringen eines Apparates an einem Druckbehälter.

Title (fr)

Système de fixation d'un appareil sur une cartouche de fluide sous pression.

Publication

**EP 0001960 A1 19790516 (FR)**

Application

**EP 78420012 A 19781023**

Priority

FR 7733350 A 19771028

Abstract (en)

1. System for fixing an appliance (2) to a cartridge of fluid under pressure (1), possessing a sampling and/or filling valve (1e) and an annular rim (1d), which surrounds this valve, said fixing system comprising : a central core (4) integral with said appliance, possessing fluid sampling means (5), which are intended to interact with the valve (1e) of said cartridge, an annular piece (3) surrounding the central core (4), possessing on its periphery several hooking members (9, 13, 20), which can be snapped under the annular rim (1d) of the cartridge (1), each hooking member possessing a hooking catch (9c, 14, 24), which is movable towards the recessed wall of said annular rim of the cartridge, means of displacing the central core (4) axially in relation to and within the annular piece (3), possessing, on the one hand, a tapping on the inside of the annular piece (3) and, on the other hand, a threading on the outside of the central core (4), with which said tapping interacts, characterised in that the hooking members (9, 13, 24) can be snapped on the inside of the annular rim (1d) of the cartridge (1) and each possess a means (9d, 13, 23) of positive locking of said catch (9c, 24) on the inside of and under said rim (1d), this positive locking means being actuated directly by the lower part of the central core (4), upon the axial displacement of the latter on the inside of the annular piece (3).

Abstract (fr)

Il comprend essentiellement un noyau central (4) solidaire de l'appareil (2) et comportant un filetage propre à coopérer avec le taraudage d'une pièce annulaire (3). Cette dernière est pourvue d'organes d'accrochage tels que des griffes (9) qui sont déformées par l'extrémité libre du noyau (4) de manière que leur talon (9c) vienne se bloquer positivement sous le bourrelet (1a) de la cartouche (1). Appareil portatif à gaz.

IPC 1-7

**F17C 13/04**; **F24C 3/14**

IPC 8 full level

**F17C 13/04** (2006.01); **F24C 3/14** (2006.01); **F17C 13/00** (2006.01)

CPC (source: EP)

**F17C 13/04** (2013.01); **F17C 2270/0709** (2013.01)

Citation (applicant)

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Cited by

DE3518627A1; EP0278873A1; FR2610082A1; WO9602791A1

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DOCDB simple family (publication)

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