

Title (en)

Torch handle with valve assembly.

Title (de)

Brennergriff mit Ventileinrichtung.

Title (fr)

Poignée de chalumeau avec ensemble de vannes.

Publication

**EP 0090080 A1 19831005 (DE)**

Application

**EP 82110692 A 19821119**

Priority

DE 8208424 U 19820325

Abstract (en)

1. Torch handle (1), at its gas inlet end provided with a grip (3) and at its gas outlet end (4), adjacent to one torch head, provided with a valve system, comprising : one shutoff and control valve (9), one retention flame adjusting valve (31), one slide piston (14), guided in a tapped hole of the casing (22 and 23) of the torch handle (1), slideable to cut in and off the flow rate set at the shutoff and control valve (9), and the shutoff and control valve (9) being arranged nearer to the grip (3), and the slide piston (14) with retention flame adjusting valve (31) being arranged nearer to the torch head, characterized by the following features : the retention flame adjusting valve (31) is arranged in a step tap hole (29) of the slide piston (14), which is connected over one channel each (35/10 resp. 30) with the shutoff and control valve (9) respectively with the outlet opening (47) towards the torch head, and which, together with the retention flame adjusting valve (31) forms an adjustable throttle (at 34) ; a screwed sealing plug (18 and 19) has a tapped hole (19a) providing for access to the retention flame adjusting valve (31), the hole being covered by a detachable sealing cap (38).

Abstract (de)

Brennergriff (1) mit eingebautem Absperr- und Regelventil (9), Sparflamme-Einstellventil (31) und Schieberkolben (14) als Umschaltventil für Hauptflamme oder Sparflamme. Das Sparflamme-Einstellventil (31) ist innerhalb des Schieberkolbens (14) verborgen angeordnet.

IPC 1-7

**F23D 13/24**

IPC 8 full level

**F23D 14/38** (2006.01); **F23D 14/46** (2006.01)

CPC (source: EP)

**F23D 14/465** (2013.01)

Citation (search report)

- [A] DE 2019872 A1 19701119 - AIR LIQUIDE
- [A] DE 2916875 A1 19801106 - LORCH & CO KG J
- [A] US 2638972 A 19530519 - SPARKS WARREN A
- [A] SIEVERT FLÜSSIGGAS-GERÄTE, Juni 1973, 6 Seiten, Elitgrafik, Stockholm, SE.

Cited by

EP1602866A1; EP0415824A1; FR2651559A1; DE3425257A1; EP3527331A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0090080 A1 19831005; EP 0090080 B1 19860226**; AT E18294 T1 19860315; DE 3269483 D1 19860403; DE 8208424 U1 19820819; DK 138083 A 19830926; DK 138083 D0 19830325

DOCDB simple family (application)

**EP 82110692 A 19821119**; AT 82110692 T 19821119; DE 3269483 T 19821119; DE 8208424 U 19820325; DK 138083 A 19830325