

Title (en)
TORCH HANDLE WITH VALVE ASSEMBLY

Publication
EP 0090080 B1 19860226 (DE)

Application
EP 82110692 A 19821119

Priority
DE 8208424 U 19820325

Abstract (en)
[origin: EP0090080A1] 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).

IPC 1-7
F23D 14/38

IPC 8 full level
F23D 14/38 (2006.01); **F23D 14/46** (2006.01)

CPC (source: EP)
F23D 14/465 (2013.01)

Citation (examination)
SIEVERT FLÜSSIGGAS-GERÄTE, Juni 1973, Elitgrafik, Stockholm, SE, Seite 1, Sievert 3487

Cited by
EP1602866A1; EP0415824A1; FR2651559A1; DE3425257A1; EP3527331A1

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DOCDB simple family (publication)
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