

Title (en)

BURNER TORCH WITH A DEVICE FOR THE PROTECTION AGAINST FLASBACK, BACKFLOW OF GAS AND PRODUCTION OF DANGEROUS GASEOUS MIXTURES

Publication

**EP 0040148 B1 19840509 (FR)**

Application

**EP 81400738 A 19810508**

Priority

FR 8010326 A 19800508

Abstract (en)

[origin: EP0040148A1] 1. A blowtorch (1) comprising means (2) for the intake of a combustible gas and means (3) for the intake of a combustion gas, the pressure of this gas being greater than that of the combustible gas ; means (4, 5) for controlling the flow of these gases, arranged in the said means for intake ; means (6) for ensuring the mixing of the said gases ; means (7) for the outflow of the said gaseous mixture to the burner or nozzle (8) of the said blowtorch ; and two non-return valves (9, 10) arranged respectively in each of the means for the intake of gas, characterised in that the non-return valve (9) which is arranged in the means for the intake of the combustible gas is placed downstream of the corresponding means of control (4), and in that a means (11), such as a metallic sinter, for suppressing a flame, is arranged in the means for the intake of the combustible gas, between the non-return valve (9) and the means for mixing, in the immediate vicinity of the latter components.

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