

Title (en)
GAS BOTTLE

Title (de)
GASFLASCHE

Title (fr)
BOUTEILLE DE GAZ

Publication
EP 3287686 A1 20180228 (EN)

Application
EP 17184130 A 20170731

Priority
IT 201600086921 A 20160824

Abstract (en)
The invention relates to a gas bottle (1) provided with: a sealed container (2) filled with a gas under pressure and provided, on an upper wall (3) thereof, with a perforable portion (4) to allow gas to be fed to an external user device; and a valve (5, 5', 5'', 5''') manufactured as one single piece and positioned inside the container (2) so as to prevent or limit the flow of gas to the perforable portion (4) when the container (2) is not connected to the external user device; the valve (5, 5', 5'', 5''') is fixed, exclusively by means of a layer of adhesive substance (9), to the upper wall (3) of the container (2) around the perforable portion (4); the valve (5, 5', 5'', 5''') has, in use, on a delimitation wall thereof toward the inside of the container (2), a slot (15, 15') made prior to or during the perforation of the perforable portion (4) and laterally delimited by material flaps (15a, 15a'), which can be spread apart due to the connection to the external user device and can be closed back against one another along the aforesaid wall (14) in the absence of a connection to the external user device and due to the pressure exerted upon the flaps (15a, 15a') by the gas contained in the container (2).

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WO 2015092447 A1 20150625 - CORAL GAS A E B E Y [GR]

Citation (search report)
• [X] WO 2015092447 A1 20150625 - CORAL GAS A E B E Y [GR]
• [X] DE 1529102 A1 19691204 - APPLIC GAZ SA
• [A] FR 2901863 A1 20071207 - APPLIC DES GAZ SOC PAR ACTIONS [FR]
• [A] EP 1406041 A2 20040407 - GUILBERT EXPRESS SA [FR]

Cited by
EP3643959A1; IT201800009658A1

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