CLAIMS

1. Foam-generating device, comprising :

- a reservoir (1) of foaming liquid,
- a container (2) of compressed air,
- a first pipe (11) leaving the reservoir (1) and passing through a pneumatic pump (5), being connected to suction (12) and delivery ports (13) of said pneumatic pump (5),
- a second pipe (14) leaving the container (2),
- the first pipe (11) and the second pipe (14) leading to a mixer (6) of the foaming liquid and compressed air, wherein the foam is formed;
- the second pipe (14) comprising a bifurcation (18), fitted with an atmospheric pressure expansion valve (19), which leads to a breathing apparatus (9) intended for an operator of the device;
- characterized in that the second pipe (14) is fitted with an obturator (41)
- and in that the obturator (41) is associated with a compressed air pressure tap at the outlet of the container (2), which automatically closes the obturator (41) when said pressure drops below a threshold, the obturator (41) being connected to bifurcation (16) to automatically cut off the supply of compressed air to the pneumatic pump (5) and to the mixer (6) when the cylinder (2) starts to empty and the air pressure at the outlet falls below a threshold in order to reserve the air for the operator wearing the breathing mask (9) to breath.

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2. Foam-generating device according to Claim 1, characterized in that the bifurcation (18) comprises a branch (38) finishing at a valve (39) of a quick coupling half, intended to connect to another breathing apparatus.

3. Foam-generating device according to Claim 1 or 2, characterized in that the obturator is a valve pushed back by the compressed air in the pressure tap and pushed back in the opposite direction by a spring.

4. Foam-generating device according to one of Claims 1 to 3, characterized in that it comprises a gauge connected to the second pipe.

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