

Title (en)
Nozzle with incorporated valve.

Title (de)
Düse mit eingebautem Ventil.

Title (fr)
Buses à clapet incorporé.

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Application
EP 91402204 A 19910808

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Abstract (en)
[origin: EP0471610A1] The subject of the invention is a spray nozzle (1) comprising a cap (3a) pierced with a narrow orifice (3b) and an internal axial core, the opposing faces of these two parts interacting in order to form a system of swirling channels feeding the orifice (3b), and incorporating in an upstream chamber a valve (4) having a circular cup (4b) of concavity turned towards the downstream side which is carried by an axial guiding stock, guided laterally, movable axially and acting here as a core. <??>This nozzle can be used on any atomiser, especially a miniature atomiser, which it is desired to make leaktight, the number of its parts is reduced to two and they are simple to mount, which leads to a manufacture with a particularly advantageous cost price. <IMAGE>

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B05B 1/3436 (2013.01 - EP US); **B05B 11/007** (2013.01 - EP US)

Cited by
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