

Title (en)
SPRAY HEAD FOR ATOMIZING A MEDIUM

Title (de)
SPRÜHKOPF ZUM ATOMISIEREN EINES MEDIUMS

Title (fr)
TETE DE PULVERISATION POUR L'ATOMISATION D'UN FLUIDE

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Application
EP 05716022 A 20050314

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Abstract (en)
[origin: US7967224B2] The invention relates to a spray head for atomising a medium using a pressurised propellant, with a spray head body (10) which comprises a fastening ring (6) and an actuating element (20) movably connected thereto, a holding element (12) which comprises an inlet port (24), an adjoining duct section (26) and a holding section (28), and a duct element (14) which has an outlet port (62) for the medium and which has in at least one section a diameter such that the medium to be discharged atomizes in the flow of propellant, the duct element (14) preferably being a capillary pipe or capillary tube and/or having a constant diameter over its entire length, the duct element (14) being arranged in the holding section (28) of the holding element (12) and, preferably, being bent through approximately 90° in the holding section (28) of the holding element (12) and the holding element (12) preferably being connected to the spray head body (10). The assembly of this spray head is made easier by the fact that the holding element (12) comprises, at least in the holding section (28), particularly at the upper end thereof, at least one clamping element (50) for clamping or latching the duct element (14) on the holding element (12).

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