

Title (en)
Foam-applying nozzle.

Title (de)
Schaumapplikationsdüse.

Title (fr)
Buse à appliquer de la mousse.

Publication
EP 0099626 A1 19840201 (EN)

Application
EP 83302930 A 19830523

Priority
US 39911282 A 19820716

Abstract (en)
A foam-applying nozzle assembly (N) for applying a foam made up from a supply of a foam-forming liquid composition (F) and a flowing liquid stream (W) includes an inner barrel (I) having an axial bore (10) for communicating the liquid stream (W) from a hose. Eductor means (E) with the inner barrel (I) extracts the foam-forming liquid composition (F) from the supply of the foam-forming composition. The eductor means (E) inducts the extracted foam-forming liquid composition (F) into a portion (W min) of the liquid stream (W) flowing through the eductor means (E). The eductor (E) has a discharge opening (22o) in proximity to the outlet of the inner barrel I for mixing the foam-forming composition (F) with the liquid stream (W) from the inner barrel (I) in proximity to the discharge of the liquid stream, whereby a foam is created. Flow regulating nozzle means (R) mounted in an outlet (10o) of the bore (10) regulates the lateral extent of the discharged stream (W).

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B05B 7/04; A62C 31/12

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Citation (search report)
• US 3338173 A 19670829 - GUNZEL JR RUDOLPH M, et al
• US 4277030 A 19810707 - HECHLER IV VALENTINE
• US RE29717 E 19780801
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US6102308A; US5779158A; FR2575671A1; CN1100578C; FR2669564A1; EP0318646A3; WO9738757A1

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