

Title (en)
Device for producing a fluid jet

Title (de)
Vorrichtung zur Erzeugung eines Flüssigkeitsstrahls

Title (fr)
Dispositif de production d'un jet fluide

Publication
EP 0726095 A3 19970625 (DE)

Application
EP 96101378 A 19960201

Priority
DE 19504652 A 19950213

Abstract (en)
[origin: EP0726095A2] The applicator has a nozzle head (5) and nozzle (6) with ejection aperture (34). An elastic element (18) is located in the area of the aperture. The element has a passage aperture (17), which communicates with the channel (33) leading to the ejection aperture. It is located between two contact pressure elements (19,20), which are moved towards each other. The elastic element consists of a rubber-elastic material with high rebound elasticity esp. polyurethane, with a Shore hardness of 60-80. It is ring-shaped, and esp. has an angular cross section. Pref. at least one outer ring surface engages on the inside of a contact pressure element.

IPC 1-7
B05B 1/32

IPC 8 full level
B41J 2/01 (2006.01); **B05B 1/00** (2006.01); **B05B 1/02** (2006.01); **B05B 1/32** (2006.01); **B05B 9/01** (2006.01)

CPC (source: EP US)
B05B 1/00 (2013.01 - EP US); **B05B 1/32** (2013.01 - EP US); **Y10S 239/12** (2013.01 - EP US)

Citation (search report)

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- [X] US 3107059 A 19631015 - FERNAND FRECHETTE
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- [X] IT 581026 A

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Designated contracting state (EPC)
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EP 96101378 A 19960201; JP 447996 A 19960116; US 57430295 A 19951218