

Title (en)

Liquid spraying apparatus, especially for printing machines.

Title (de)

Flüssigkeits-Sprühvorrichtung, insbesondere für Druckmaschinen.

Title (fr)

Dispositif de pulvérisation de liquide, en particulier pour les machines à imprimer.

Publication

**EP 0627268 A3 19950726 (DE)**

Application

**EP 94102871 A 19940225**

Priority

DE 4318647 A 19930604

Abstract (en)

[origin: EP0627268A2] The liquid is fed by a piston pump (6) to a nozzle device (16) and for spraying is driven through the nozzle device (16) by the pump pressure. The liquid feed to the nozzle device (16) is pressure-relieved by a pressure-release valve (28) just before the end of a spraying period in such a way that the liquid (4) to be sprayed is sprayed until the end of the intended spraying period by the liquid pressure prevailing in the line system. Only at the end of the spraying period is the liquid feed also cut off or interrupted. By the partial pressure release of the liquid (4) before the expiry of the spraying period, subsequent dripping or subsequent spraying after the expiry of the spraying period is avoided. <IMAGE>

IPC 1-7

**B05B 9/04**; **B05B 12/02**; **B41F 35/00**

IPC 8 full level

**B05B 9/04** (2006.01); **B05B 12/02** (2006.01); **B41F 35/00** (2006.01)

CPC (source: EP)

**B05B 9/0413** (2013.01); **B05B 12/02** (2013.01); **B41F 35/00** (2013.01); **B41P 2235/26** (2013.01)

Citation (search report)

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- [A] US 3252442 A 19660524 - HAZLETT WILLIAM A
- [A] FR 1119306 A 19560619 - FABRE ULYSSE ETS
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EP2065100A1; EP1719621A1; EP2065099A1; US7530307B2; US8042750B2

Designated contracting state (EPC)

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**EP 0627268 A2 19941207**; **EP 0627268 A3 19950726**; **EP 0627268 B1 19980826**; DE 4318647 A1 19941208; DE 59406758 D1 19981001

DOCDB simple family (application)

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