

Title (en)  
Discharge device for at least one medium.

Title (de)  
Austragvorrichtung für mindestens ein Medium.

Title (fr)  
Dispositif pour décharger au moins un produit.

Publication  
**EP 0451615 B1 19950816 (DE)**

Application  
**EP 91104833 A 19910327**

Priority  
DE 4011537 A 19900410

Abstract (en)  
[origin: EP0451615A2] A discharge device with a liquid pump (5) and an air pump (6) has a control valve (15) for the latter lying very close to the discharge opening, the mouth (20) of which opens directly into a terminal duct (16) forming the discharge opening, so that pressure losses are largely avoided. For cleaning, at least in the area of the discharge opening, a control is provided by means of which air continues to be delivered on termination of the liquid delivery. In this way a very fine atomisation is possible with a simple design. <IMAGE>

IPC 1-7  
**B05B 11/00**; **B65D 83/44**

IPC 8 full level  
**B05B 11/00** (2006.01); **B65D 83/44** (2006.01)

CPC (source: EP)  
**B05B 11/1018** (2023.01); **B05B 11/1087** (2023.01)

Citation (examination)  
EP 0392238 A1 19901017 - PFEIFFER ERICH GMBH & CO KG [DE]

Cited by  
FR2842875A1; US5397059A; US5458289A; EP0561666A1; FR2688714A1; FR2719789A1; US5752627A; EP0519779A1; FR2677617A1; US5350116A; US5348189A; US7147135B2; WO2004011153A3; WO9712686A1; WO9530490A1; WO9507763A1

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AT BE CH DE DK ES FR GB GR IT LI LU NL SE

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