

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

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0451615 A2 19911016; **EP 0451615 A3 19920812**; **EP 0451615 B1 19950816**; AT E126457 T1 19950915; DE 4011537 A1 19911017; DE 59106244 D1 19950921; ES 2075242 T3 19951001

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