

Title (en)

TWO-PHASE SPRAY DEVICE FOR A FLUID OR PASTY MATERIAL

Title (de)

ZWEIPHASEN-SPRÜHVORRICHTUNG ZUM SPRÜHEN EINES FLÜSSIGEN ODER PASTÖSEN MEDIUMS

Title (fr)

DISPOSITIF DE PULVERISATION DU TYPE BIPHASIQUE POUR UN PRODUIT FLUIDE OU PATEUX

Publication

EP 0897324 B1 20020828 (FR)

Application

EP 97923145 A 19970506

Priority

- FR 9700808 W 19970506
- FR 9605682 A 19960507

Abstract (en)

[origin: WO9741965A1] A device mountable on a material container for dispensing fluid or pasty materials therefrom is disclosed. The device comprises a first pump (10) for selectively dispensing the material from the container through an outlet (31), said first pump being mountable on the container by means of an attachment member (11), and a manual actuation member (30) movable between an inoperative position and an actuated position. The device further comprises a second pump (20) for dispensing compressed air at the same time as the material is dispensed. Said second pump (20) comprises two elements (21, 22), i.e. a plunger (21) and a pump cylinder (22) slidably housing the plunger (21), and is designed to feed a flow of compressed air to the outlet (31) in order to spray the material. One of said two elements (21, 22) of said second pump (20) is secured to said attachment member (11) of the first pump (10), whereas the other of said two elements (21, 22) is secured to the actuation member (30).

IPC 1-7

B05B 11/00

IPC 8 full level

B65D 83/14 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP US)

B05B 11/1087 (2023.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9741965 A1 19971113; DE 69714986 D1 20021002; DE 69714986 T2 20030528; EP 0897324 A1 19990224; EP 0897324 B1 20020828; ES 2182073 T3 20030301; FR 2748407 A1 19971114; FR 2748407 B1 19980828; JP 2000509643 A 20000802; US 6155496 A 20001205

DOCDB simple family (application)

FR 9700808 W 19970506; DE 69714986 T 19970506; EP 97923145 A 19970506; ES 97923145 T 19970506; FR 9605682 A 19960507; JP 53960197 A 19970506; US 18003699 A 19990311