

Title (en)

Paint system pressure device

Title (de)

Andrucksvorrichtung für ein Lacksystem

Title (fr)

Dispositif de mise en pression pour systèmes d'application de peinture

Publication

EP 0830904 A2 19980325 (EN)

Application

EP 97306838 A 19970902

Priority

GB 9618712 A 19960907

Abstract (en)

A paint system comprises a flexible bag (24) for paint, the bag having a sealable opening and a machine (10), adapted to receive the bag of paint. A tube (60) for releasable connection to said opening, and means (70) to connect a paint applicator (80) at the other end of said tube, adapted to receive paint from said bag, through the tube, when the bag is squeezed by the machine. The machine is an open container (12) to receive the bag of paint and has a top edge (9) closed by a lid (14). The edge is provided with a recess (35) adapted to receive a connector (50) for the tube. A bellows (22) is in the container, a pump (28) being adapted to pressurise the bellows with fluid so as to squeeze the bag, and the bellows having a low friction surface to slide over the bag during inflation and having internal springs to assist deflation of the bag. The container is specially shaped to remove dead volumes within the container so that the bag can be pressurised to pressures greater than normally accommodatable by the bag. <IMAGE>

IPC 1-7

B05C 17/03; **B65D 83/00**

IPC 8 full level

B05C 17/03 (2006.01); **B65D 75/00** (2006.01); **B67D 7/02** (2010.01)

CPC (source: EP)

B05C 17/0316 (2013.01); **B65D 75/008** (2013.01); **B67D 7/0255** (2013.01); **B65D 2231/004** (2013.01)

Citation (applicant)

GB 2142386 A 19850116 - KR ASS INC

Cited by

WO2021058889A1

Designated contracting state (EPC)

GB

DOCDB simple family (publication)

GB 2309265 A 19970723; **GB 2309265 B 19971217**; **GB 9618712 D0 19961016**; EP 0830904 A2 19980325; EP 0830904 A3 19981021

DOCDB simple family (application)

GB 9618712 A 19960907; EP 97306838 A 19970902