

Title (en)

LIQUID SAMPLE RESERVOIR SUITABLE FOR USE WITH A SPRAYING APPARATUS

Title (de)

PROBENBEHÄLTER FÜR FLÜSSIGKEITEN ZUR VERWENDUNG MIT EINER SPRÜHVORRICHTUNG

Title (fr)

RESERVOIR POUR ECHANTILLONS DE LIQUIDES POUVANT ETRE UTILISE AVEC UN APPAREIL DE PULVERISATION

Publication

EP 1368129 B1 20050608 (EN)

Application

EP 02709839 A 20020314

Priority

- GB 0106199 A 20010314
- US 0207963 W 20020314

Abstract (en)

[origin: WO02072276A1] A single use, disposable reservoir (30) of low volume for use in conjunction with a spray gun (1) for spray painting small areas, for example 'spray out' cards for colour matching a paint mix for spray painting a vehicle. The reservoir (30) is in the form of a syringe body (32) with a plunger (34) having a sealing member (54) slidable within the body (32) for drawing paint (57) into the body (32) via an open end (38). The body (32) has an aperture (42) adjacent to a closed end (36) and the plunger (34) can be moved to position the sealing member (54) between the aperture (42) and closed end (36) for releasing a partial vacuum created when the paint (57) is drawn into the body (32) and allow the paint (57) to be withdrawn, in use, when the reservoir (30) is connected to a spray gun (1) without actuating the plunger (34). In other embodiments, the reservoir (60;80) comprises a concertina-type body (66) or a pipette body (82).

IPC 1-7

B05B 7/24

IPC 8 full level

B05B 7/24 (2006.01)

CPC (source: EP KR)

B05B 7/2408 (2013.01 - EP); **B05B 7/2478** (2013.01 - EP); **B05B 7/2481** (2013.01 - EP); **B05B 7/28** (2013.01 - KR)

Cited by

US10035156B2; US10882064B2; US11040360B2; US11548018B1; US11679399B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02072276 A1 20020919; AT E297258 T1 20050615; CA 2441306 A1 20020919; CA 2441306 C 20121002; CN 1284633 C 20061115; CN 1561264 A 20050105; DE 60204546 D1 20050714; DE 60204546 T2 20060511; EP 1368129 A1 20031210; EP 1368129 B1 20050608; ES 2241996 T3 20051101; GB 0106199 D0 20010502; JP 2005502444 A 20050127; JP 4173739 B2 20081029; KR 100889103 B1 20090317; KR 20040051576 A 20040618; PL 200806 B1 20090227; PL 363641 A1 20041129

DOCDB simple family (application)

US 0207963 W 20020314; AT 02709839 T 20020314; CA 2441306 A 20020314; CN 02806418 A 20020314; DE 60204546 T 20020314; EP 02709839 A 20020314; ES 02709839 T 20020314; GB 0106199 A 20010314; JP 2002571228 A 20020314; KR 20037011833 A 20030909; PL 36364102 A 20020314