

Title (en)  
LIQUID SUPPLY CUP FOR SPRAY GUN

Title (de)  
FLIESSBECHER FÜR EINE FARBSPRITZPISTOLE

Title (fr)  
POTS DE PULVÉRISATEURS DE PEINTURE

Publication  
**EP 2340126 A1 20110706 (DE)**

Application  
**EP 09736821 A 20090929**

Priority  
• EP 2009006992 W 20090929  
• DE 202008014389 U 20081029

Abstract (en)  
[origin: CA2741703A1] The invention relates to a gravity cup for a paint sprayer, having a cup-shaped tank (1) and a cover (2) that can be placed on the tank (1), a multiplex quick-connect thread having at least two external thread turns (18) and internal thread turns (19) engaging with the external thread turns (18) for connecting the tank (1) and the cover (2), characterized in that each external thread turn (18) is formed of a plurality of thread segments (18a, 18b, 18j) disposed along the pitch line of each external thread turn, wherein a gap (18p, 18q 18w) is formed between adjacent thread segments.

IPC 8 full level  
**B05B 7/24** (2006.01); **B05B 15/00** (2018.01)

CPC (source: EP US)  
**B05B 7/2408** (2013.01 - EP US); **B05B 7/2478** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**DE 202008014389 U1 20100408**; AU 2009310072 A1 20100506; AU 2009310072 B2 20120920; CA 2741703 A1 20100506; CA 2741703 C 20140128; CN 102149480 A 20110810; CN 102149480 B 20130522; EP 2340126 A1 20110706; EP 2340126 B1 20131106; HK 1155121 A1 20120511; JP 2012506769 A 20120322; JP 5439495 B2 20140312; PL 2340126 T3 20140430; US 2011174901 A1 20110721; US 8925836 B2 20150106; WO 2010049043 A1 20100506; WO 2010049043 A8 20100722

DOCDB simple family (application)  
**DE 202008014389 U 20081029**; AU 2009310072 A 20090929; CA 2741703 A 20090929; CN 200980135429 A 20090929; EP 09736821 A 20090929; EP 2009006992 W 20090929; HK 11109323 A 20110902; JP 2011533558 A 20090929; PL 09736821 T 20090929; US 200913121531 A 20090929