

Title (en)  
Paint cup for spray gun

Title (de)  
Farbbecher für Sprühpistolen

Title (fr)  
Coupelle de peinture pour pistolet de pulvérisation

Publication  
**EP 2722289 A1 20140423 (EN)**

Application  
**EP 12188745 A 20121016**

Priority  
EP 12188745 A 20121016

Abstract (en)  
A paint cup for a spray gun includes a container (50) containing paint solvents (80), a lid body (30) covering an upper opening (55) of the container (50), and a ventilation member (40) mounted in the container (50). The lid body (30) includes an annular coupling portion (34) protruding from an inner surface (302) thereof, an inner rod (35) located in the annular coupling portion (34), and a vent (341) extending into an annular coupling groove (36) of the annular coupling portion (34). A gap (43) is formed between the ventilation member (40) and the inner rod (35). When the container (50) is turned upside-down, the paint solvents (80) in the gap (43) will flow into an accommodating groove (37) formed between the inner rod (35) and the annular coupling portion (34), and ambient air circulates in the container (50) via the vent (341) and the gap (43).

IPC 8 full level  
**B05B 7/24** (2006.01); **B65D 51/16** (2006.01)

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

Citation (applicant)  
US 2010301049 A1 20101202 - BUCHHOLZ BJOERN [DE]

Citation (search report)  
• [AD] US 2010301049 A1 20101202 - BUCHHOLZ BJOERN [DE]  
• [A] US 2011180632 A1 20110728 - SHKOLNIKOV YURY [US], et al  
• [A] US 2011091656 A1 20110421 - JULIEN CHARLES [GB]  
• [A] US 2007018016 A1 20070125 - YECHOURON SIMON [CA]

Cited by  
NL2016930A; WO2024037283A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2722289 A1 20140423; EP 2722289 B1 20150218**

DOCDB simple family (application)  
**EP 12188745 A 20121016**