

Title (en)  
A LIQUID DELIVERY SYSTEM

Title (de)  
FLÜSSIGKEITS-AUSGABESYSTEM

Title (fr)  
SYSTÈME DE DISTRIBUTION DE LIQUIDE

Publication  
**EP 2563196 A1 20130306 (EN)**

Application  
**EP 11716999 A 20110420**

Priority  

- GB 201007238 A 20100430
- GB 2011050781 W 20110420

Abstract (en)  
[origin: WO2011135336A1] A liquid delivery system comprising a base unit (2) comprising a liquid inlet in an upwardly facing surface, a liquid duct leading from the inlet to a liquid outlet above the liquid inlet; a pump for pumping the liquid from the inlet to the outlet; a motor to drive the pump; and a shroud extending upwardly in a manner which surrounds the inlet, the shroud having an upper edge which has a downwardly extending recess (20) for a part of its circumference; characterised by the system further comprising an insert (21) in the recess (20) which forms a liquid-tight seal with the recess (20) and defines, with the shroud, a liquid cavity in communication with the liquid inlet in the base.

IPC 8 full level  
**A47K 5/12** (2006.01)

CPC (source: EP KR US)  
**A47K 5/1217** (2013.01 - EP KR US); **B05B 9/0426** (2013.01 - KR); **B05B 9/043** (2013.01 - KR); **B05B 9/0861** (2013.01 - KR);  
**B05B 12/122** (2013.01 - KR); **B05B 9/0426** (2013.01 - EP US); **B05B 9/043** (2013.01 - EP US); **B05B 9/0861** (2013.01 - EP US);  
**B05B 12/122** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011135336A1

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

DOCDB simple family (publication)  
**WO 2011135336 A1 20111103**; AU 2011247082 A1 20121129; CA 2797759 A1 20111103; CN 102939036 A 20130220;  
CN 102939036 B 20160420; EP 2563196 A1 20130306; GB 201007238 D0 20100616; HK 1180565 A1 20131025; JP 2013526919 A 20130627;  
JP 5946824 B2 20160706; KR 101853055 B1 20180427; KR 20130081216 A 20130716; MX 2012012578 A 20121217; MY 167517 A 20180904;  
RU 2012151305 A 20140610; RU 2557511 C2 20150720; US 2013206789 A1 20130815; ZA 201208269 B 20140129

DOCDB simple family (application)  
**GB 2011050781 W 20110420**; AU 2011247082 A 20110420; CA 2797759 A 20110420; CN 201180021969 A 20110420;  
EP 11716999 A 20110420; GB 201007238 A 20100430; HK 13108084 A 20130710; JP 2013506744 A 20110420; KR 20127028524 A 20110420;  
MX 2012012578 A 20110420; MY PI2012700836 A 20110420; RU 2012151305 A 20110420; US 201113695247 A 20110420;  
ZA 201208269 A 20121105