

Title (en)  
Double discharge device

Title (de)  
Doppel-Austragsvorrichtung

Title (fr)  
Dispositif de distribution double

Publication  
**EP 2444336 B1 20130828 (DE)**

Application  
**EP 11179887 A 20110902**

Priority  
• EP 10188394 A 20101021  
• EP 11179887 A 20110902

Abstract (en)  
[origin: EP2444336A1] The device (1) has a storage chamber (2) for first component and a storage chamber (3) for second component, which are arranged side by side and having outlets for the components, at the distal end (5). The plungers (7,8) are penetrated into respective storage chambers and are provided with pistons for discharging respective components. The outlets of the chambers are faced away from the proximal end (4), at a guide element and each plunger is arranged adjacent to respective pistons at a guide element, such that the guide elements intervene mutually.

IPC 8 full level  
**B65D 81/32** (2006.01)

CPC (source: EP KR US)  
**B05C 5/02** (2013.01 - KR); **B05C 17/0052** (2013.01 - KR); **B05C 17/00576** (2013.01 - KR); **B05C 17/00593** (2013.01 - KR);  
**B65D 81/325** (2013.01 - EP US)

Cited by  
US2021237941A1; US11780650B2

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)  
**EP 2444336 A1 20120425; EP 2444336 B1 20130828**; AU 2011236122 A1 20120510; BR PI1105911 A2 20130305; BR PI1105911 B1 20200811; BR PI1105911 B8 20230321; CA 2752920 A1 20120421; CA 2752920 C 20180626; CN 102530411 A 20120704; CN 102530411 B 20160706; ES 2426978 T3 20131028; IL 215400 A0 20120229; JP 2012086896 A 20120510; JP 5960965 B2 20160802; KR 102048392 B1 20191125; KR 20120041663 A 20120502; KR 20180040545 A 20180420; MX 2011010854 A 20120420; TW 201231118 A 20120801; TW I551316 B 20161001; US 2012097708 A1 20120426; US 8875947 B2 20141104

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**EP 11179887 A 20110902**; AU 2011236122 A 20111019; BR PI1105911 A 20111019; CA 2752920 A 20110922; CN 201110320287 A 20111020; ES 11179887 T 20110902; IL 21540011 A 20110927; JP 2011230245 A 20111020; KR 20110104991 A 20111014; KR 20180041564 A 20180410; MX 2011010854 A 20111014; TW 100137576 A 20111017; US 201113250461 A 20110930