

Title (en)  
Shower arm for shower WC

Title (de)  
Duscharm für Dusch-WC

Title (fr)  
Bras de douche pour douche-WC

Publication  
**EP 2628546 A1 20130821 (DE)**

Application  
**EP 12001036 A 20120216**

Priority  
EP 12001036 A 20120216

Abstract (en)  
The shower arm has a shower nozzle (4) for a shower water outlet for cleaning a user of the shower-water closet, a water supply line to the nozzle and a swirl chamber in the water supply line for generation of rotating water flow. A water line piece is provided between the swirl chamber and a nozzle outlet opening of the shower nozzle. The swirl chamber is a ball chamber (8) with a larger internal dimension than the piece of the water supply line. The piece directly precedes the ball chamber. The swirl chamber is formed spherically by the inlet opening and an outlet opening.

Abstract (de)  
Die Erfindung betrifft einen Duscharm für ein Dusch-WC oder ein Bidet mit einer kugelförmigen Verwirbelungskammer zur Erzeugung von Verwirbelungen im Duschstrahl sowie eine entsprechende Duscheinrichtung und ein entsprechendes Dusch-WC.

IPC 8 full level  
**B05B 7/04** (2006.01); **B05B 1/34** (2006.01); **E03D 9/08** (2006.01)

CPC (source: CN EP US)  
**B05B 1/341** (2013.01 - CN EP US); **B05B 7/0425** (2013.01 - CN EP US); **E03D 9/08** (2013.01 - CN EP US)

Citation (search report)

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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 2628546 A1 20130821**; **EP 2628546 B1 20140813**; CN 104105549 A 20141015; CN 104105549 B 20161109; DK 2628546 T3 20141117; ES 2515717 T3 20141030; HR P20141077 T1 20141219; JP 2015513015 A 20150430; JP 5968468 B2 20160810; KR 101697840 B1 20170201; KR 20140123098 A 20141021; PL 2628546 T3 20150130; PT 2628546 E 20141007; RS 53540 B1 20150227; SI 2628546 T1 20141231; US 2015020302 A1 20150122; US 9151032 B2 20151006; WO 2013120605 A1 20130822

DOCDB simple family (application)  
**EP 12001036 A 20120216**; CN 201380006991 A 20130213; DK 12001036 T 20120216; EP 2013000416 W 20130213; ES 12001036 T 20120216; HR P20141077 T 20141105; JP 2014556952 A 20130213; KR 20147025368 A 20130213; PL 12001036 T 20120216; PT 12001036 T 20120216; RS P20140508 A 20120216; SI 201230093 T 20120216; US 201314371124 A 20130213