

Title (en)  
Sanitary unit for mounting in a spout

Title (de)  
Sanitäre Funktionseinheit zum Einsetzen in eine Flüssigkeitsführung

Title (fr)  
Unité sanitaire pour montage dans verseur

Publication  
**EP 2025820 A3 20090513 (DE)**

Application  
**EP 08018135 A 20060228**

Priority  
• EP 06723141 A 20060228  
• DE 102005010551 A 20050304

Abstract (en)  
[origin: WO2006092276A2] Disclosed is a functional plumbing unit which is embodied as an insertion cartridge (2) that is to be inserted into a liquid conduit (3) of a discharging plumbing fixture (4) while comprising a housing (5), a jet regulator, and an attachment screen (9) located at the inlet end. The housing (5) is configured monolithically with a perforated plate located at the discharge end as part of the jet regulator and supports an external thread (10) on the outer face thereof, said external thread being screwable into an internal thread (13) of the discharging fixture (4). A ring seal (12) is disposed adjacent to the external thread (10) at the discharge end. The length of the housing (5) is dimensioned essentially for arranging the external thread (10) and the adjacent ring seal (12). A jet-splitting part (7) that can be joined to the housing (5) and is provided with a monolithically connected, additional perforated plate (8) and holding elements for fastening the attachment screen (9) is placed at the inlet end as part of the jet regulator.

IPC 8 full level  
**E03C 1/084** (2006.01)

CPC (source: EP US)  
**E03C 1/084** (2013.01 - EP US)

Citation (search report)  
• [A] EP 0631020 A1 19941228 - AMFAG SRL [IT]  
• [A] US 4534513 A 19850813 - AGHNIDES ELIE P [US]  
• [A] EP 0268844 A1 19880601 - GROHE ARMATUREN FRIEDRICH [DE]  
• [A] EP 0151998 A2 19850821 - GROHE KG HANS [DE]  
• [X] DE 10027986 A1 20011220 - WILDFANG DIETER GMBH [DE]  
• [X] WO 02077374 A1 20021003 - HANS GROHE AG [DE], et al  
• [XA] DE 10149335 A1 20030430 - ANDREAS SCHILLI & CO [DE]

Cited by  
CN104746597A; CN104631570A; CN103882917A; US10851529B2; EP3513007B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2006092276 A2 20060908; WO 2006092276 A3 20061221**; AU 2006219983 A1 20060908; AU 2006219983 B2 20090226; AU 2009200530 A1 20090305; AU 2009200530 B2 20100401; BR PI0607585 A2 20090915; BR PI0607585 B1 20170530; BR PI0607585 B8 20190409; CA 2600686 A1 20060908; CA 2600686 C 20130924; CN 101287879 A 20081015; CN 101287879 B 20110413; DE 102005010551 A1 20060921; DE 102005010551 B4 20070516; DK 1853771 T3 20130715; EP 1853771 A2 20071114; EP 1853771 B1 20130424; EP 2025820 A2 20090218; EP 2025820 A3 20090513; EP 2025820 B1 20150729; EP 2025820 B8 20150909; ES 2422214 T3 20130909; ES 2550155 T3 20151104; JP 2008531884 A 20080814; MX 2007010522 A 20071012; PL 1853771 T3 20130930; PL 2025820 T3 20151130; PT 1853771 E 20130726; RU 2007131962 A 20090410; RU 2385386 C2 20100327; SI 1853771 T1 20130830; US 2008111007 A1 20080515; ZA 200706149 B 20080528

DOCDB simple family (application)  
**EP 2006001837 W 20060228**; AU 2006219983 A 20060228; AU 2009200530 A 20090211; BR PI0607585 A 20060228; CA 2600686 A 20060228; CN 200680005244 A 20060228; DE 102005010551 A 20050304; DK 06723141 T 20060228; EP 06723141 A 20060228; EP 08018135 A 20060228; ES 06723141 T 20060228; ES 08018135 T 20060228; JP 2007557409 A 20060228; MX 2007010522 A 20060228; PL 06723141 T 20060228; PL 08018135 T 20060228; PT 06723141 T 20060228; RU 2007131962 A 20060228; SI 200631622 T 20060228; US 81760206 A 20060228; ZA 200706149 A 20070720