

Title (en)
Sanitary fitting

Title (de)
Sanitärarmatur

Title (fr)
Armature sanitaire

Publication
EP 2420629 A1 20120222 (DE)

Application
EP 10007834 A 20100728

Priority
EP 10007834 A 20100728

Abstract (en)
The fitting has a function unit (3) comprising water-carrying components, and accommodated in a housing body. The housing body comprises two shell-shaped parts (1, 2), which are manufactured from metal alloy or plastic in die-casting process. The shell-shaped parts are adhesively bonded to each other or connected to each other by a material bonding to form a hollow element that surrounds the functional unit by joining process. The shell-shaped parts comprise cast aluminum alloy and exhibit joining edges (11-13, 21-23) provided with respective profiles. The cast aluminum alloy is selected from a group consisting of aluminum die-cast alloy and zinc die-cast alloy. An independent claim is also included for a method for manufacturing a sanitary fitting.

Abstract (de)
Bei einer Sanitärarmatur mit einem Gehäusekörper und einer Funktionseinheit, die wasserführende Bauteile umfasst und im Gehäusekörper der Sanitärarmatur aufgenommen ist, wobei der Gehäusekörper wenigstens zwei schalenförmige Einzelteile (1, 2) umfasst, ist vorgesehen, dass die schalenförmigen Einzelteile (1, 2) aus einer metallischen Legierung oder einem Kunststoff im Druckgussverfahren hergestellt und zu einem die Funktionseinheit umschließenden Hohlkörper mittels eines Fügeverfahrens adhäsiv oder stoffschlüssig miteinander verbunden sind.

IPC 8 full level
E03C 1/04 (2006.01)

CPC (source: EP US)
E03C 1/04 (2013.01 - EP US); **E03C 1/0404** (2013.01 - US); **Y10T 29/4943** (2015.01 - EP US); **Y10T 29/49888** (2015.01 - EP US); **Y10T 29/49893** (2015.01 - EP US); **Y10T 137/0402** (2015.04 - EP US); **Y10T 137/9464** (2015.04 - EP US)

Citation (applicant)
• US 6189569 B1 20010220 - CALHOUN KEITH A [US]
• DE 4438647 A1 19960502 - GROHE KG HANS [DE]

Citation (search report)
• [XAI] US 2009260153 A1 20091022 - THOMAS KURT J [US]
• [XI] DE 1777174 A1 19710729 - SAURET S A
• [A] US 2007119506 A1 20070531 - GIAGNI VINCENT JR [US], et al
• [A] EP 0452699 A1 19911023 - SCHEFFER FRANZ ARMATUREN [DE]
• [A] US 5924451 A 19990720 - KUO LIAN-JIE [TW]

Cited by
DE102012103260A1; ITUB20161165A1; DE102012103260B4; EP2653794A2

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME RS

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EP 10007834 A 20100728; BR 112013003643 A 20110722; CN 201180036384 A 20110722; EP 2011003671 W 20110722; ES 10007834 T 20100728; RU 2013108839 A 20110722; US 201313747006 A 20130122