

Title (en)
THERMOSTATIC FAUCET FOR PLACING ARTICLES THEREUPON

Title (de)
THERMOSTATARMATUR ZUM ABSTELLEN VON ARTIKELN

Title (fr)
ROBINET THERMOSTATIQUE POUR PLACER DES ARTICLES

Publication
EP 3444406 A1 20190220 (EN)

Application
EP 18158345 A 20180223

Priority
CN 201721027483 U 20170816

Abstract (en)
A thermostatic faucet for placing an article thereupon comprises a plastic inner body (1) and a metal housing (2). The metal housing (2) is not in contact with water. The plastic inner body (1) is in contact with water. The plastic inner body (1) plays the role of thermal insulation, so that the heat of the hot water passage won't be conducted to the metal housing (2). The metal housing (2) is formed with a shelf board (23). The shelf board (23) shields a water inlet end, which effectively avoids the risk of scalding when the hot water passes through the water inlet end and realizes the complete anti-scald function of the thermostatic faucet body. In the thermostatic faucet, a cold water passage, a hot water passage, a mixed water passage and a water outlet passage are integrally formed in the plastic inner body (1). The parts are reduced, the production process is simplified, the manufacturing cost of the thermostatic faucet is lowered, and the risk of water leakage generated by the multiple components is reduced.

IPC 8 full level
E03C 1/042 (2006.01)

CPC (source: EP)
E03C 1/041 (2013.01); **E03C 1/042** (2013.01)

Citation (applicant)
CN 203115189 U 20130807 - LOTA XIAMEN IND CO LTD

Citation (search report)
• [IAY] EP 2388676 A2 20111123 - SUPREMA ZHUHAI J V THERMOSTATIC SANITARYWARE CO LTD [CN]
• [IY] EP 2241685 A2 20101020 - OSTNOR AB [SE]
• [Y] DE 102010002535 A1 20110908 - HANSGROHE AG [DE]
• [Y] CN 204459357 U 20150708 - FUJIAN XIHE SANITARY WARE TECH

Cited by
GB2581400A; GB2581400B

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

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EP 18158345 A 20180223; CN 201721027483 U 20170816; DK 18158345 T 20180223