

Title (en)
Pillar-like faucet

Title (de)
Säulenförmiger Wasserhahn

Title (fr)
Robinet en forme de colonne

Publication
EP 2112281 A1 20091028 (EN)

Application
EP 08155100 A 20080424

Priority
EP 08155100 A 20080424

Abstract (en)
A barrel faucet anchoring structure includes a barrel faucet body (20) formed at a uniform diameter. The faucet body (20) has a lower section holding an inner sleeve (22) which has a lower end fastened by an anchor member (23) by screwing to allow the faucet body to hold, in this order, a water receiving dock (24), a water channeling dock (25) and a water control valve (26). The inner sleeve (22) has an upper opening end with retaining notches (221) formed thereon to be wedged in by retaining lugs (241) formed on the water receiving dock (24). The water channeling dock (25) opposes a spout (21) coupled externally on the faucet body (20). By providing the separated inner sleeve (22) anchored by the anchor member (23) at the lower end of the faucet body (20) to hold the water receiving dock (24), water channeling dock (25) and water control valve (26), no additional fabrication processes are needed and no material waste occurs. Thus the cost and product weight can be reduced to make the barrel faucet more economic effective.

IPC 8 full level
E03C 1/04 (2006.01)

CPC (source: EP)
E03C 1/04 (2013.01)

Citation (search report)
• [X] US 6073972 A 20000613 - RIVERA SAMUEL T [US]
• [A] DE 202004018943 U1 20050224 - WANG HSIANG HUNG [TW]
• [A] DE 202004020872 U1 20060316 - COMET PUMPEN SYSTEMTECHNIK GMB [DE]
• [A] DE 102004043659 A1 20060309 - GROHE WATER TECH AG & CO KG [DE]

Cited by
CN102939423A; CN103195140A; US2019081442A1; EP2781664A1; EP2957681A3; US9816255B2; WO2011146940A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2112281 A1 20091028

DOCDB simple family (application)
EP 08155100 A 20080424