

Title (en)
Wash basin drain structure

Title (de)
Abflusstruktur für Waschbecken

Title (fr)
Structure de drainage de lavabo

Publication
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Application
EP 11155458 A 20110222

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TW 99143128 A 20101210

Abstract (en)
A wash basin drain structure includes a tightening assembly (10), a control rod assembly (20), a drain pipe (30), and a plug (40). A threaded top ring (12) of the fastening assembly (10) relative to a threaded annular seat (14) is screwed reversely to push an anti-leakage washer (33) of the drain pipe (30) upward, so that the threaded top ring (12) and a washer (11) are against the bottom of the wash basin and resilient portions (131) of the resilient ring (13) engages with a non-slip portion (35) of the drain pipe (30). When a threaded fixing member (212A) in a threaded hole (212) of a fixing seat (21) of the control rod assembly (20) is screwed inward, the end of the threaded fixing member (212A) will hold against the body of the drain pipe (30) and pull an inner pipe portion (211) of the fixing seat (21) to seal and engage with an insertion hole (34) of the drain pipe (30). A magnetic end head (220) of a link rod (22) of the control rod assembly (20) is attracted to connect with a magnetic portion (410) of a plug body (41) of the plug (40) to act as a lever. The present invention can be assembled with ease.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [E] WO 2011094725 A1 20110804 - PF WATERWORKS LP [US], et al
• [A] US 2010154114 A1 20100624 - VAN ZEELAND ANTHONY J [US], et al
• [A] WO 2005068732 A1 20050728 - CHANG CHOONG-SAM [KR]

Cited by
CN103967082A; CN108793503A; DE202012007647U1

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