

Title (en)
REMOTE-CONTROLLED DRAIN PLUG DEVICE

Title (de)
FERNBEDIENBARE ABLASSSTOPFENVORRICHTUNG

Title (fr)
DISPOSITIF DE BOUCHON DE VIDANGE TÉLÉCOMMANDÉ

Publication
EP 3988725 A1 20220427 (EN)

Application
EP 21202084 A 20211012

Priority
JP 2020177778 A 20201023

Abstract (en)
Provided is a remote operation type drain plug device which improves a degree of freedom of arrangement, configuration, and an operation method of an operation portion, in particular, improves a sense of use of the operation portion when the operation portion is arranged on a water discharge metal fixture. The remote operation type drain plug device includes: an operation portion; a drain outlet of a vessel to be opened and closed in accordance with operation of the operation portion; and an operation transmitting member configured to transmit the operation of the operation portion to the drain outlet side, wherein the operation portion includes: an operation portion main body which is mounted and fixed to an operation portion mounting surface provided to the vessel or in a vicinity of the vessel; and an operation body configured to perform an opening and closing operation of the drain outlet through operation under a state of being guided by the operation portion, and wherein a connection part between the operation transmitting member and the operation body is provided more on a front side than the operation portion mounting surface.

IPC 8 full level
E03C 1/04 (2006.01); **E03C 1/14** (2006.01); **E03C 1/23** (2006.01); **E03C 1/326** (2006.01)

CPC (source: CN EP)
E03C 1/04 (2013.01 - EP); **E03C 1/0412** (2013.01 - EP); **E03C 1/14** (2013.01 - EP); **E03C 1/23** (2013.01 - CN); **E03C 1/2304** (2013.01 - CN EP); **E03C 1/326** (2013.01 - EP); **E03C 2001/2315** (2013.01 - EP)

Citation (applicant)
JP H0635370 U 19940510

Citation (search report)
• [X] KR 870001466 Y1 19870415 - JONG YONG HUI [KR]
• [X] DE 2526949 A1 19760930 - IFOE AB LOENSBODA
• [X] CN 110629839 A 20191231 - ZHONGSHAN GABALU KITCHEN & BATHROOM PRODUCTS CO LTD
• [A] KR 930004966 Y1 19930726 - SONG YUN HAK [KR]

Cited by
WO2023094317A1

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

DOCDB simple family (publication)
EP 3988725 A1 20220427; CN 113802654 A 20211217; CN 216689619 U 20220607; JP 2022068938 A 20220511

DOCDB simple family (application)
EP 21202084 A 20211012; CN 202111172385 A 20211008; CN 202122424179 U 20211008; JP 2020177778 A 20201023