

Title (en)
DRAIN PLUG DEVICE

Title (de)
ABFLUSSSTOPFENVORRICHTUNG

Title (fr)
DISPOSITIF DE BOUCHON DE DRAIN

Publication
EP 3505691 A1 20190703 (EN)

Application
EP 18208884 A 20181128

Priority
JP 2017253388 A 20171228

Abstract (en)
A drain plug device comprising a tank body (B) including a drain port (11) formed in a bottom surface of the tank body and an overflow port (21) formed in a side wall of the tank body; a valve member (4) that opens and closes the drain port (11); an operation unit (8) that is attached to the overflow port (21) to perform a raising operation of the valve member (4); and a transmission member (5) that transmits operation applied to the operation unit to the valve member (4), wherein the operation unit (8) includes an activation unit (81) displaceable with respect to the tank body (B), and a positioning member (9) that can be fixed in any direction to determine a position and a direction of the activation unit (81).

IPC 8 full level
E03C 1/23 (2006.01); **E03C 1/232** (2006.01)

CPC (source: EP)
E03C 1/2304 (2013.01); **E03C 1/232** (2013.01)

Citation (applicant)
JP 2014167251 A 20140911 - MARUICHI CORP

Citation (search report)
• [XA] US 2880425 A 19590407 - LENGYEL JOHN F
• [XA] US 1980493 A 19341113 - HENRI MORISSEAU JACQUES
• [XA] US 4085469 A 19780425 - PETURSSON SIGURDUR G

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 3505691 A1 20190703; **EP 3505691 B1 20210407**; JP 2019119996 A 20190722; JP 7064725 B2 20220511

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EP 18208884 A 20181128; JP 2017253388 A 20171228