

Title (en)

Device for opening and closing the plug of a bath-tub

Title (de)

Vorrichtung zum Öffnen und Schliessen des Ablaufventils einer Badewanne

Title (fr)

Dispositif pour ouvrir et fermer la bonde d'évacuation d'une baignoire

Publication

**EP 0995844 A2 20000426 (EN)**

Application

**EP 99121144 A 19991022**

Priority

IT MI980693 U 19981023

Abstract (en)

The invention relates to a device for blocking the water discharging plug of bath-tubs, of a type operatively associated with a handle (1) for opening and closing the water discharging plug, wherein the handle is provided with a pinion-rack system (9) for converting the rotary movement thereof into a translatory movement adapted to open and close the plug, characterized in that the device comprises a resilient element (7), associated with the rack, and including a tooth (6) engaging with a corresponding fixed housing (8). <IMAGE>

IPC 1-7

**E03C 1/23**

IPC 8 full level

**E03C 1/23** (2006.01)

CPC (source: EP)

**E03C 1/2304** (2013.01)

Cited by

EP1249544A1; US6473917B1; WO2007107249A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**EP 0995844 A2 20000426; EP 0995844 A3 20010411; EP 0995844 B1 20061129;** AT E346991 T1 20061215; DE 69934190 D1 20070111; DE 69934190 T2 20071025; ES 2278430 T3 20070801; IT 244330 Y1 20020311; IT MI980693 U1 20000423

DOCDB simple family (application)

**EP 99121144 A 19991022;** AT 99121144 T 19991022; DE 69934190 T 19991022; ES 99121144 T 19991022; IT MI980693 U 19981023