

Title (en)

DETACHABLE DEVICE, AND HINGE DEVICE EMPLOYING SAME

Title (de)

ABNEHMBARE VORRICHTUNG UND SCHARNIERVORRICHTUNG DAMIT

Title (fr)

DISPOSITIF DÉTACHABLE, ET DISPOSITIF À CHARNIÈRE FAISANT APPEL À CELUI-CI

Publication

**EP 3135167 A4 20171018 (EN)**

Application

**EP 15782657 A 20150320**

Priority

- JP 2014090470 A 20140424
- JP 2015058615 W 20150320

Abstract (en)

[origin: EP3135167A1] To provide an attaching/detaching device of which the configuration can be simplified, and a hinge device using the same, an attaching/detaching device 6 in the invention includes a case 60 in which an insertion hole 61 for insertion of a pin 3, and a housing space 62 that is connected to the insertion hole 61 and extends in a direction perpendicular to a longitudinal direction of the insertion hole 61 are formed; a button 80 that is depressible into the case 60 in the direction perpendicular to the longitudinal direction of the insertion hole 61; and a spring 70 that biases the button 80 in a direction opposite to a depression direction of the button 80 with respect to the case 60. The spring 70 has a locking part 74 for locking the pin 3. The locking part 74 is positioned within the insertion hole 61 in a state where the button 80 is not depressed, and is moved from the inside of the insertion hole 61 to the inside of the housing space 62 by the button 80 being depressed.

IPC 8 full level

**A47K 13/26** (2006.01); **A47K 13/12** (2006.01)

CPC (source: EP)

**A47K 13/12** (2013.01); **A47K 13/26** (2013.01)

Citation (search report)

- [X] CN 201070324 Y 20080611 - XIAMEN BEIEN BATHROOM CO LTD [CN]
- [X] CN 201337385 Y 20091104 - R & T XIAMEN PLUMBING INC [CN]
- [X] EP 1616519 A2 20060118 - PRESSALIT GROUP AS [DK]
- [A] WO 2004078017 A1 20040916 - PRESSALIT GROUP AS [DK], et al
- See references of WO 2015163065A1

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

DOCDB simple family (publication)

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