

Title (en)
ATTACHING/DETACHING DEVICE AND HINGE DEVICE USING SAME

Title (de)
BEFESTIGUNGS-/LÖSEVORRICHTUNG UND SCHARNIERVORRICHTUNG DAMIT

Title (fr)
DISPOSITIF DE FIXATION/SÉPARATION ET DISPOSITIF DE CHARNIÈRE L'UTILISANT

Publication
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Application
EP 16799830 A 20160512

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Abstract (en)
[origin: EP3305152A1] Provided are a mounting and dismounting device capable of easily mounting and dismounting an object on one side on and from an object on the other side without performing a cumbersome and difficult operation, and a hinge device using the mounting and dismounting device. In the present invention, mounting and removal of a toilet seat/toilet lid unit 2 on and from a toilet bowl 3 are performed by gripping the toilet seat/toilet lid unit 2, inserting the other end of a shaft 11 mounted on the toilet seat/toilet lid unit 2 into a first insertion opening 12a of a stationary core 12 fixed to a housing 16 mounted on the toilet bowl 3, and pressing the toilet seat/toilet lid unit 2 against the toilet bowl 3. Insertion and extraction of the shaft 11 into and from the housing 16 are performed by sliding sliders 14 in a direction orthogonal to an insertion direction of the shaft 11 and performing locking by causing a fixing groove 11a1 of the shaft 11 and embracing portions 14a of the sliders 14 to be engaged with each other, or performing unlocking by releasing the engagement between the fixing groove 11a1 and the embracing portions 14a.

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CPC (source: EP)
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