

Title (en)

DETERGENT BOX ASSEMBLY AND WASHING DEVICE INCLUDING DETERGENT BOX ASSEMBLY

Title (de)

WASCHMITTELDOSENANORDNUNG UND WASCHVORRICHTUNG MIT EINER WASCHMITTELDOSENANORDNUNG

Title (fr)

ENSEMBLE COMPARTIMENT À DÉTERGENT ET DISPOSITIF DE LAVAGE COMPRENANT UN ENSEMBLE COMPARTIMENT À DÉTERGENT

Publication

**EP 3988705 A1 20220427 (EN)**

Application

**EP 21200895 A 20211005**

Priority

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Abstract (en)

Embodiments of the present invention provide a detergent box assembly (10) and a washing device including the detergent box assembly (10). The detergent box assembly (10) includes: a box body (100) adapted to be pushed, a motion subassembly (200) adapted to drive the box body (100) to pop out, and a lock subassembly (300) adapted to lock or unlock the box body (100). The lock subassembly (300) includes a push rod (310), a motion diverter (320) movably connected to the push rod (310), and a lock pin (330) movably connected to the motion diverter (320). The push rod (310) is adapted to move with the box body (100) when the box body (100) is pushed along a first direction (M1), and during moving, to push the motion diverter (320) to rotate, thereby driving the lock pin (330) to move to lock or unlock the box body (100).

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

- [A] EP 1905881 A2 20080402 - LG ELECTRONICS INC [KR]
- [A] US 5675994 A 19971014 - GWEON TAE SOUNG [KR]

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