

Title (en)

LIQUID STORAGE BOX, DISPENSING MODULE, AND LAUNDRY TREATMENT APPARATUS

Title (de)

FLÜSSIGKEITSAUFBEWAHRUNGSBOX, AUSGABEMODUL UND WÄSCHEBEHANDLUNGSVORRICHTUNG

Title (fr)

BOÎTE DE STOCKAGE DE LIQUIDE, MODULE DE DISTRIBUTION ET APPAREIL DE TRAITEMENT DU LINGE

Publication

EP 4261336 A4 20240529 (EN)

Application

EP 21902630 A 20211208

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- CN 202011531693 A 20201222
- CN 2021136330 W 20211208

Abstract (en)

[origin: EP4261336A1] Disclosed are a liquid storage box, a dispensing module and a laundry treatment apparatus. The liquid storage box (2) is internally provided with a sealing cavity (7) for storing an additive, and the liquid storage box (2) is further provided with a conductive detection part for detecting the liquid level of the additive in the liquid storage box. The dispensing module (1) is provided with the liquid storage box (2) and a liquid level detection module. When the liquid storage box (2) is placed into the dispensing module (1), the liquid level detection module is in contact and electric connection with the conductive detection part, and the liquid level information of the additive in the liquid storage box (2) is determined through a feedback signal outputted by the liquid level detection module. Conductive probes (6) of the liquid storage box (2) and the liquid storage box (2) are of an integrated structure, which solves the problems that assembly between a liquid storage box (2) and conductive probes (6) is complex in the prior art, additive leakage is prone to occurring due to poor sealing, and the liquid storage box (2) cannot continue to be used after the conductive probes (6) are removed. The integrity, independent usability and reliability of the liquid storage box (2) are higher.

IPC 8 full level

D06F 39/02 (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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