

Title (en)
LINKAGE APPARATUS AND LAUNDRY TREATMENT DEVICE INCLUDING SAME

Title (de)
VERBINDUNGSEINRICHTUNG UND WÄSCHEBEHANDLUNGSVORRICHTUNG DAMIT

Title (fr)
APPAREIL DE LIAISON ET DISPOSITIF DE TRAITEMENT DE LINGE LE COMPRENANT

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Application
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Abstract (en)
Embodiments of the present invention provide a linkage apparatus and a laundry treatment device including same. The linkage apparatus includes: a linkage mechanism, including a housing connected to the outer door, a cam pivotally connected into the housing, and a first latch movably mounted to the housing; a baffle assembly pivotally connected to the housing and connected to the cam in a transmission manner; and a linkage connected to the inner door, where the baffle assembly is adapted to, when being pushed inward, rotate along a first direction of rotation to drive the cam to rotate along a second direction of rotation opposite to the first direction of rotation, the cam is adapted to, when rotating along the second direction of rotation, abut against the first latch and drive the first latch to move toward the linkage, and the first latch is adapted to, when moving, connect to the linkage to connect the inner door and the outer door. In this way, the outer door and the inner door can be connected to each other by pushing the baffle inward. In addition, when the outer door and the inner door are connected to each other, both the outer door and the inner door can be opened at the same time by pulling the outer door outward or can be closed at the same time by pushing the outer door inward only. The operation is simple and convenient and saves time and effort.

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• [A] EP 3272927 A1 20180124 - LG ELECTRONICS INC [KR]
• [A] KR 20130123544 A 20131113 - DONGBU DAEWOO ELECTRONICS CORP [KR]
• [A] US 2018038040 A1 20180208 - KIM DONG YOUNG [KR], et al
• [A] CN 111074506 A 20200428 - WUXI LITTLE SWAN ELECTRICAL APPLIANCE CO LTD

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