

Title (en)

METHOD AND DEVICE FOR FEEDING LAUNDRY ITEMS TO A LAUNDRY TREATMENT DEVICE, IN PARTICULAR A MANGLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ZUFÜHREN VON WÄSCHESTÜCKEN ZU EINER WÄSCHEBEHANDLUNGSEINRICHTUNG, VORZUGSWEISE EINER MANGEL

Title (fr)

PROCÉDÉ ET DISPOSITIF D'ALIMENTATION EN LINGE D'UN DISPOSITIF DE TRAITEMENT DU LINGE, DE PRÉFÉRENCE D'UNE CALANDRE

Publication

EP 4098796 B1 20231227 (DE)

Application

EP 22169179 A 20220421

Priority

DE 102021114236 A 20210601

Abstract (en)

[origin: US2022380970A1] Laundry items are spread out by input machines having loading stations with a belt conveyor. The laundry item is placed on a front region of the belt conveyor and pulled further onto the belt conveyor. It is necessary to smooth the laundry item upstream of the belt conveyor using a smoothing machine, which can hinder the pulling of the laundry item onto the belt conveyor. The invention provides a pivotable smoothing means which is in an inactive position for initially pulling the laundry item onto the belt conveyor and is pivoted into an active position only after the laundry item has been initially pulled onto the lower belt conveyor. The laundry item is placed on the smoothing means only after it has been initially pulled onto the lower belt conveyor. Thus, when the laundry item is initially pulled onto the lower belt conveyor, it is prevented from slipping down therefrom.

IPC 8 full level

D06F 67/04 (2006.01)

CPC (source: EP US)

D06F 67/04 (2013.01 - EP US)

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)

EP 4098796 A1 20221207; EP 4098796 B1 20231227; DE 102021114236 A1 20221201; DK 4098796 T3 20240304; US 11821136 B2 20231121; US 2022380970 A1 20221201

DOCDB simple family (application)

EP 22169179 A 20220421; DE 102021114236 A 20210601; DK 22169179 T 20220421; US 202217737357 A 20220505