Title (en)

METHOD FOR FEEDING PIECES OF LAUNDRY TO A LAUNDRY SUBSEQUENT HANDLING APPARATUS AND DEVICE

Title (de)

VERFAHREN ZUM ZUFÜHREN VON WÄSCHESTÜCKEN ZU EINER WÄSCHEWEITERBEHANDLUNGSEINRICHTUNG SOWIE VORRICHTUNG

Title (fr)

PROCÉDÉ D'ACHEMINEMENT DE PIÈCES DE LINGE VERS UN SYSTÈME DE TRAITEMENT ULTÉRIEUR DU LINGE ET DISPOSITIF AFFÉRENT

Publication

EP 3464705 A1 20190410 (DE)

Application

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Abstract (en)

[origin: WO2017207083A1] The isolating and feeding of pieces of laundry (20) to a feed conveyor (21) requires gripping, transfer and alignment processes. In known devices and methods, said processes cannot be reliably automated. The invention relates to the isolating of pieces of laundry from a pile of laundry by an imaging apparatus. An additional imaging apparatus serves for the aligned uptake of a front edge region of the piece of laundry onto the feed conveyor. Furthermore, the gripping of corners or also edges, in particular the alignment thereof, can be detected by an imaging apparatus. Based on the positions and edge profiles of the pieces of laundry determined by the imaging apparatuses, the gripping and aligning thereof can be controlled or regulated. A reliable, fully automatic isolating of pieces of laundry and/or fully automatic, targeted feeding of pieces of laundry to a folding machine or other laundry subsequent handling apparatus is thus ensured.

IPC 8 full level

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CPC (source: EP US)

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