

Title (en)

Apparatus for the automatic folding of laundry.

Title (de)

Falteinrichtung zum automatischen Falten von Wäschestücken.

Title (fr)

Appareil de pliage automatique de pièces de linge.

Publication

EP 0612879 B1 19950208 (DE)

Application

EP 93810097 A 19930218

Priority

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Abstract (en)

[origin: EP0612879A1] A folding apparatus for the automatic folding of laundry articles comprises a longitudinal-folding apparatus (1) and a transverse-folding apparatus (2) located downstream of the latter. Two laundry conveyors (5, 6) arranged one behind the other in the conveying direction (3) of a laundry article entering from the longitudinal-folding apparatus are present in the transverse-folding apparatus and are spaced from one another by a gap (7) extending essentially over the entire width of the transverse-folding apparatus. A laundry article (4) to be folded transversely is introduced into the gap (7) by means of a folding blade (16) and/or a blowpipe (38) in order to make a first transverse fold. Prior to the introduction, the thickness of the laundry article to be folded was entered on a data-input device (13) or was determined by means of a measuring device (15, 14). The width of the gap can be adjusted on the basis of the determined thickness of the laundry article. An optimum conveyance of the laundry article provided with a first transverse fold is thereby achieved along the gap (7), irrespective of its thickness. Located at the exit end of the gap (7) is a further laundry conveyor (30), the belt (34) of which can change its path of rotation as a result of the adjustment of an adjusting roller (35) in the region of the said gap end. After a second transverse fold has been made, the belt (34) can be lowered in the said region, with the result that the laundry article can pass onto the discharge point (50), without standing in line at a bottle neck. <IMAGE>

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D06F 89/00

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Cited by

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