

Title (en)

IRONING DEVICE WITH ENERGY RECUPERATION

Title (de)

BÜGELVORRICHTUNG MIT ENERGIERÜCKGEWINNUNG

Title (fr)

DISPOSITIF DE REPASSAGE AVEC RÉCUPÉRATION D'ÉNERGIE

Publication

EP 4053327 A3 20221005 (EN)

Application

EP 22159858 A 20220303

Priority

BE 202105153 A 20210303

Abstract (en)

The invention relates to an ironing device for ironing laundry to be ironed, comprising:- a heated ironing bed, preferably formed between at least one ironing roller and at least one trough;- a supply conveyor bed for conveying the laundry to be ironed to the ironing bed;- a discharge conveyor bed for conveying the laundry to be ironed away from the ironing bed;- a preheater for preheating the laundry to be ironed on the supply conveyor bed;- a heat recovery device for recovering heat emanating from the laundry to be ironed on the discharge conveyor bed; and- a heat transfer device for transferring heat from the heat recovery device to the preheater. The invention furthermore relates to a method for ironing laundry to be ironed and an energy-saving system for an ironing device.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] EP 2531641 B1 20150211 - LAPAUW INTERNAT NV [BE]
- [XA] FR 2694309 A1 19940204 - GERBAUD PIERRE [FR]
- [A] DE 102015012404 A1 20160728 - KANNEGIESSER H GMBH CO [DE]

Designated contracting state (EPC)

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