

Title (en)
CLOTHING TREATMENT APPARATUS

Title (de)
VORRICHTUNG ZUR BEHANDLUNG VON KLEIDUNG

Title (fr)
APPAREIL DE TRAITEMENT DE VÊTEMENTS

Publication
EP 4123084 A4 20240403 (EN)

Application
EP 21772267 A 20210318

Priority
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• KR 2021003370 W 20210318

Abstract (en)
[origin: EP4123084A1] Disclosed is a clothing treatment apparatus. The clothing treatment apparatus of the present disclosure comprises: a cabinet; a container provided in the cabinet and including a front surface having an opening, a rear surface having an exhaust port, and a body extending between the front surface and the rear surface; a drum provided rotatably in the container; an induction heater which is arranged on an outer surface of the body of the container, and heats the drum; a supply duct which is arranged on an outer side of the container, extends along the body of the container, and includes an outlet portion connected to the front surface of the container; an exhaust duct which is connected to the supply duct and is in communication with the exhaust port; and a ventilation portion for generating the air flow from the exhaust duct toward the supply duct, wherein the front surface of the container includes an inlet port located outside the opening and the outlet portion of the supply duct can be in communication with the inlet port of the container.

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Citation (search report)
• [XP] EP 3666952 A1 20200617 - LG ELECTRONICS INC [KR]
• [A] KR 20050108611 A 20051117 - DAEWOO ELECTRONICS CORP [KR]
• [A] US 2005229650 A1 20051020 - KIM JAE M [KR], et al
• [A] EP 3543393 A2 20190925 - LG ELECTRONICS INC [KR]
• [A] US 2005016010 A1 20050127 - PYO SANG-YEON [KR], et al
• See also references of WO 2021187919A1

Designated contracting state (EPC)
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