

Title (en)
CLOTHING TREATMENT APPARATUS

Title (de)
VORRICHTUNG ZUR BEHANDLUNG VON KLEIDUNG

Title (fr)
APPAREIL DE TRAITEMENT DE VÊTEMENTS

Publication
EP 4112802 A4 20240228 (EN)

Application
EP 21759901 A 20210226

Priority
• KR 20200025604 A 20200228
• KR 2021002515 W 20210226

Abstract (en)
[origin: EP4112802A1] Disclosed is a laundry treating apparatus. The laundry treating apparatus of the present disclosure includes a tub; a drum rotatably provided in the tub; an induction heater which is fixed to the tub while being spaced apart from the drum, and heats the drum; a first circuit comprising a first coil installed in the tub; a power supply unit which applies AC power to the first coil; and a second circuit installed in the drum, the second circuit comprising a second coil disposed in a position overlapping with the first coil in a length direction of a rotational central shaft of the drum and a thermistor whose resistance varies depending on temperature.

IPC 8 full level
D06F 39/04 (2006.01); **D06F 34/10** (2020.01); **D06F 34/26** (2020.01); **D06F 58/26** (2006.01); **D06F 58/40** (2020.01); **H05B 6/10** (2006.01)

CPC (source: EP KR)
D06F 34/10 (2020.02 - KR); **D06F 34/20** (2020.02 - EP); **D06F 34/26** (2020.02 - KR); **D06F 39/04** (2013.01 - EP KR); **D06F 58/26** (2013.01 - EP KR); **D06F 58/40** (2020.02 - KR); **H05B 6/06** (2013.01 - EP); **H05B 6/10** (2013.01 - EP KR); **D06F 23/02** (2013.01 - EP); **D06F 25/00** (2013.01 - EP); **D06F 2103/44** (2020.02 - EP); **D06F 2103/52** (2020.02 - EP); **D06F 2105/28** (2020.02 - EP)

Citation (search report)
• [A] US 2019264371 A1 20190829 - JANG JAEHYUK [KR], et al
• [A] JP H0646620 U 19940628
• See also references of WO 2021172959A1

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 4112802 A1 20230104; EP 4112802 A4 20240228; KR 20210110231 A 20210907

DOCDB simple family (application)
EP 21759901 A 20210226; KR 20210026714 A 20210226