

Title (en)

LAUNDRY TREATMENT APPARATUS PROVIDED WITH AN INDUCTION HEATER

Title (de)

WÄSCHEBEHANDLUNGSVORRICHTUNG MIT INDUKTIONSHEIZUNG

Title (fr)

APPAREIL DE TRAITEMENT DU LINGE ÉQUIPÉ D'UN DISPOSITIF DE CHAUFFAGE PAR INDUCTION

Publication

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Application

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- KR 20170101340 A 20170809
- KR 20170101332 A 20170809
- EP 17844000 A 20170825
- KR 2017009341 W 20170825

Abstract (en)

The present invention relates to a laundry treatment apparatus and, more particularly, to a laundry treatment apparatus for directly heating a drum accommodating clothes. According to an embodiment of the present disclosure, provided is a laundry treatment apparatus comprising: a tub; a drum rotatably disposed inside the tub for receiving laundry therein, wherein the drum is made of a metal material; and an induction module disposed on the tub to be spaced from a circumferential surface of the drum for generating an electromagnetic field to heat the circumferential surface of the drum, wherein the induction module is characterized by: a coil formed of wires, wherein the coil generates a magnetic field when an electric current is applied thereto, and, a base housing mounted on an outer circumferential face of the tub, the base housing comprises fixing ribs that protrude upward from a bottom surface of the base housing and that define coil slots configured to receive the wires, wherein the coil has a track shape with a long axis extending in a front-rear direction of the drum.

IPC 8 full level

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Citation (applicant)

- JP 2001070689 A 20010321 - MITSUBISHI ELECTRIC CORP
- KR 100922986 B1 20091022 - YOON TAE SO [KR], et al

Citation (search report)

- [A] EP 1914339 A1 20080423 - ELECTROLUX HOME PROD CORP [BE]
- [A] EP 2400052 A1 20111228 - VESTEL BEYAZ ESYA SANAYI VE TICARET AS [TR]

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