

Title (en)
INDUCTION HEATER AND DISPENSER

Title (de)
INDUKTIONSGEIZUNG UND SPENDER

Title (fr)
DISPOSITIF DE CHAUFFAGE PAR INDUCTION ET DISTRIBUTEUR

Publication
EP 3446543 A4 20191127 (EN)

Application
EP 17786454 A 20170418

Priority

- US 201615131126 A 20160418
- US 201662365745 P 20160722
- US 201662421164 P 20161111
- US 2017028097 W 20170418

Abstract (en)
[origin: WO2017184582A1] An induction-heating device for heating and or melting a heat affected product zone of shaving or cosmetic products stored in a product container which consists of a layer of said product heated by an electrically conductive metallic target member having through-passages overlying said top product surface and energized by an induction coil into which an electromagnetic field is generated by electronic circuitry for a predetermined time period into said product container, thereby permitting said heated and or melted product to flow through said through-passages onto said top surface of said target member to be collected by a user for shaving or cosmetic purposes.

IPC 8 full level
H05B 6/10 (2006.01); **H05B 6/06** (2006.01)

CPC (source: CN EP)
H05B 6/02 (2013.01 - CN); **H05B 6/06** (2013.01 - CN EP); **H05B 6/10** (2013.01 - CN); **H05B 6/105** (2013.01 - EP); **H05B 6/36** (2013.01 - CN); **H05B 6/365** (2013.01 - CN)

Citation (search report)

- [XYI] WO 2016015063 A2 20160128 - ALPS SOUTH EUROP S R O [US]
- [XY] US 2015245421 A1 20150827 - HECZKO JAMES [US]
- [Y] WO 0214211 A1 20020221 - SUOMELA SHEREE [US], et al
- See references of WO 2017184582A1

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)
WO 2017184582 A1 20171026; CN 109219985 A 20190115; CN 109219985 B 20211203; CN 113993235 A 20220128; EP 3446543 A1 20190227; EP 3446543 A4 20191127; EP 3446543 B1 20230510; JP 2019516228 A 20190613; JP 7007360 B2 20220124

DOCDB simple family (application)
US 2017028097 W 20170418; CN 201780024245 A 20170418; CN 202111347103 A 20170418; EP 17786454 A 20170418; JP 2019505341 A 20170418