

Title (en)
INDUCTION HEATING DEVICE

Title (de)
INDUKTIONSGEIZVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE PAR INDUCTION

Publication
EP 4316285 A1 20240207 (EN)

Application
EP 22780846 A 20220329

Priority
• JP 2021059830 A 20210331
• JP 2022015261 W 20220329

Abstract (en)
An induction heating device which can perform heating of an aerosol forming base substance more appropriately is provided. An induction heating device 100 for heating an aerosol forming base substance 108, which includes a susceptor 110 and an aerosol source 112, includes a circuit including a coil 106 for heating the susceptor 110 by induction heating. The susceptor 110 is heated by using a heating mode including plural phases, and a frequency of AC current supplied to the coil 106 in the plural phases is constant.

IPC 8 full level
A24F 40/465 (2020.01); **A24F 40/50** (2020.01); **H05B 6/06** (2006.01); **H05B 6/10** (2006.01)

CPC (source: EP)
A24F 40/465 (2020.01); **A24F 40/50** (2020.01); **H05B 6/06** (2013.01); **H05B 6/108** (2013.01); **A24F 40/20** (2020.01)

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Designated extension state (EPC)
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KH MA MD TN

DOCDB simple family (publication)
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EP 22780846 A 20220329; JP 2021059830 A 20210331; JP 2021202191 A 20211214; JP 2022015261 W 20220329