

Title (en)

CERAMIC HEATER

Title (de)

KERAMIKERHITZER

Title (fr)

ÉLÉMENT CHAUFFANT CÉRAMIQUE

Publication

EP 3432681 A1 20190123 (EN)

Application

EP 17766152 A 20170209

Priority

- JP 2016051823 A 20160316
- JP 2016051824 A 20160316
- JP 2017004800 W 20170209

Abstract (en)

A ceramic heater of the present disclosure includes a ceramic sheet which is wrapped around an outer periphery of a support member, and includes a heater wire. The heater wire includes: wiring portions extending along an axial direction of the support member; and a connection portion connecting adjacent wiring portions to each other. The wiring portions include: a pair of outer wiring portions disposed on opposite sides from each other with a wrapping-ends meeting portion of the ceramic sheet therebetween; and an inner wiring portion disposed, in the ceramic sheet, between the pair of outer wiring portions. Each outer wiring portion has a cross-sectional area larger than that of the inner wiring portion.

IPC 8 full level

H05B 3/10 (2006.01); **H05B 3/14** (2006.01); **H05B 3/18** (2006.01); **H05B 3/46** (2006.01)

CPC (source: EP KR)

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Designated contracting state (EPC)

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Designated extension state (EPC)

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EP 3432681 A1 20190123; **EP 3432681 A4 20191113**; **EP 3432681 B1 20240529**; CN 108781482 A 20181109; CN 108781482 B 20210827; ES 2983638 T3 20241024; JP 6811177 B2 20210113; JP WO2017159144 A1 20180322; KR 20180125993 A 20181126; WO 2017159144 A1 20170921

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