

Title (en)  
HEATER

Title (de)  
HEIZKÖRPER

Title (fr)  
DISPOSITIF DE CHAUFFAGE

Publication  
**EP 4351272 A1 20240410 (EN)**

Application  
**EP 22811068 A 20220418**

Priority  
• JP 2021089387 A 20210527  
• JP 2022018056 W 20220418

Abstract (en)  
A heater includes a ceramic body having a cylindrical or a tubular shape and extending from a first end toward a second end, a heating resistor located inside the ceramic body, an electrode pad electrically connected to the heating resistor, a lead terminal electrically connected to the electrode pad, and a bonding material having electrical conductivity and bonding the electrode pad and the lead terminal. The electrode pad is located from a side surface to an end surface of the ceramic body.

IPC 8 full level  
**H05B 3/02** (2006.01); **H05B 3/48** (2006.01)

CPC (source: EP)  
**H05B 3/06** (2013.01); **H05B 3/48** (2013.01); **H05B 2203/021** (2013.01); **H05B 2203/022** (2013.01)

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BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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**EP 22811068 A 20220418**; CN 202280036791 A 20220418; JP 2022018056 W 20220418; JP 2023523350 A 20220418