

Title (en)
HEATER AND IGNITION DEVICE

Title (de)
HEIZER UND ZÜNDUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE ET DISPOSITIF D'ALLUMAGE

Publication
EP 3136819 A1 20170301 (EN)

Application
EP 15782910 A 20150427

Priority
• JP 2014090911 A 20140425
• JP 2015062651 W 20150427

Abstract (en)
A heater includes a ceramic multilayer body including a plurality of ceramic layers that are stacked together; a heat-generating resistor having a belt shape, the heat-generating resistor being disposed between the ceramic layers and arranged, and including both ends that are at a side surface of the ceramic multilayer body; and conductive layers having a belt shape, disposed between the ceramic layers and stacked on both end portions of the heat-generating resistor in such a manner that one end of each conductive layer is at the side surface. Each conductive layer includes a first conductive layer that extends to the side surface and a second conductive layer that is adjacent to the first conductive layer, each of the first conductive layer and the second conductive layer being formed of a plurality of grains, the grains of the first conductive layer having an average grain diameter smaller than an average grain diameter of the grains of the second conductive layer.

IPC 8 full level
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CPC (source: EP)
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Cited by
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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

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DOCDB simple family (publication)
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