

Title (en)

ELECTRICAL HEATING DEVICE FOR MOBILE APPLICATIONS

Title (de)

ELEKTRISCHE HEIZEINRICHTUNG FÜR MOBILE ANWENDUNGEN

Title (fr)

DISPOSITIF DE CHAUFFAGE ÉLECTRIQUE POUR APPLICATIONS MOBILES

Publication

**EP 3305017 A1 20180411 (DE)**

Application

**EP 16732222 A 20160529**

Priority

- DE 102015108582 A 20150530
- DE 2016100248 W 20160529

Abstract (en)

[origin: WO2016192715A1] The invention relates to an electrical heating device (1) for mobile applications, comprising a substrate (2) and a heat-conductor layer (4) formed on the substrate (2). The heat-conductor layer (4) has at least one heat-conductor path (5) that extends in a main plane on the substrate (2). The heat-conductor path (5) is structured in such a way that a plurality of path sections (6) are formed, said path sections running next to one another and being separated from one another by insulating interruptions (7). The heat-conductor path has at least one curved section (8) at which the heat-conductor path (5) is diverted in the main plane, and the heat-conductor path (5) is formed in the curved section (8) in such a way that, in the region of the inner curve (10a), it has a smaller thickness in the direction perpendicular to the main plane than in the region of the outer curve (10b).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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