

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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