

Title (en)
ELECTRIC HEATER

Title (de)
ELEKTRISCHE HEIZUNG

Title (fr)
CHAUFFAGE ÉLECTRIQUE

Publication
EP 3530503 A1 20190828 (EN)

Application
EP 18158516 A 20180226

Priority
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Abstract (en)
The invention relates to an electric heater (1, 51, 101) having a web (2, 52) of a plurality of heating elements (3, 53, 103) which are each electrically contacted on a first side (4, 54) by a respective metallic sheet element (5, 55, 102), the assembly of the heating elements (3, 53, 103) and the respective metallic sheet element (5, 55, 102) is considered as a heating-emitting element (6, 57), furthermore undulating fin elements (7, 58) are provided such that an undulating fin (7, 58) element is contacting the respective heating element (3, 53, 103) on a second side (8, 56) adjacent of the first side (4, 54) with a first side of the undulating fin element (7, 58), wherein the undulated fin element (7, 58) is furthermore contacting a metallic sheet element (5, 55, 102) with a second side (8, 56) of the undulating fin element (7, 58), such that the metallic sheet element (5, 55, 102) contacted by the undulating fin element (7, 58) is a metallic sheet element (5, 55, 102) of an adjacent heat-emitting element (6, 57), wherein the heating elements (3, 53, 103) are glued to the metallic sheet element (5, 55, 102) and to the undulating fin element (7, 58) and the undulating fin elements (7, 58) are furthermore glued to the respective metallic sheet elements (5, 55, 102) of the adjacent heat-emitting elements (6, 57).

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Citation (applicant)
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