

Title (en)
AIR HEATER

Title (de)
LUFTERHITZER

Title (fr)
RÉCHAUFFEUR D'AIR

Publication
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Application
EP 22176567 A 20220531

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Abstract (en)
The invention discloses an air heater comprising a conduit having an inlet at one end and an outlet at another end, a heating element positioned in the conduit between the inlet and the outlet for heating an air flow from the inlet to the outlet, the heating element consisting of two or more planar structures substantially parallel to each other and substantially perpendicular to the air flow, each of the two or more planar structures comprising a heating pipe, Wherein the heating pipe in each of the two or more planar structures is shifted relative to the heating pipes of the other of the two or more planar structures so that when viewed in projection along the direction of the air flow the overlap between the heating pipes is minimal, preferably does not exceed 10% of the surface area of a planar structure.

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Citation (applicant)
CN 210004590 U 20200131 - WUXI DAYANG GAOKE THERMAL ENERGY EQUIPMENT CO LTD

Citation (search report)
• [XY] US 4593176 A 19860603 - SEEFELDT WILLIAM J [US]
• [XY] EP 1004830 A2 20000531 - SMITHS INDUSTRIES PLC [GB]
• [X] US 2004103892 A1 20040603 - SHIMONOMA YUKIHIKO [JP], et al
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