

Title (en)
HEAT EXCHANGER WITH THICK-FILM RESISTOR

Title (de)
WÄRMETAUSCHER MIT DICKSCHICHTWIDERSTAND

Title (fr)
ECHANGEUR DE CHALEUR AVEC RÉSISTANCE À COUCHE ÉPAISSE

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Application
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Abstract (en)
The present invention relates to a heat exchanger (1) for heating a fluid having at least two distanced tube bodies (3) through which a flow path (8) of the fluid leads. A simplified manufacture and/or a reduced construction size and/or an increased heating efficiency of the heat exchanger (1) are achieved by arranging a separately produced thin-film resistor (11) on the outer surface (12) of at least one of the tube bodies (3) and connecting thin-film resistor (11) to the outer surface (12) of the corresponding tube body (3) and by arranging an outer interface (13) made of a thermal interface material between the thick-film resistor (11) and the next neighbouring tube body (3)

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Citation (search report)

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