

Title (en)  
FLUE GAS HEAT EXCHANGER AND FIN THEREFOR

Title (de)  
RAUCHGAS-WÄRMETAUSCHER MIT RIPPEN

Title (fr)  
ECHANGEUR THERMIQUE A GAZ DE FUMEE ET SES AILETTES

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Application  
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Abstract (en)  
[origin: WO9742458A1] The invention relates to a heat exchanger for cooling a gas by means of a medium, preferably water. The flue gas exchanger comprises a jacket (3), along which fins (10) provided with inlets and outlets for a flue gas, which is intended to be conducted through the jacket. The jacket (3) consists of an inner jacket (3) and an outer jacket (4), between which a chamber (5) for a cooling medium is formed. The fins (10) are produced individually and assembled into blocks (11) on a central guiding element (13) extending through the jacket (3). The inlets and the outlets preferably consist of sections of a circle, which conduct the flue gas out towards the jacket (3), and which reduce the flow resistance considerably.

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