

Title (en)  
ANNEALING FURNACE WITH HEAT EXCHANGER

Title (de)  
GLÜHOFEN MIT WÄRMETAUSCHER

Title (fr)  
FOUR DE RECUIT AVEC ÉCHANGEUR THERMIQUE

Publication  
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Application  
**EP 09740624 A 20091009**

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• AT 16412008 A 20081020

Abstract (en)  
[origin: WO2010045664A2] The invention relates to a heat exchanger (1) for an annealing furnace for exchanging heat between two fluids, having a tubular profile, which comprises heat exchanger ribs on the outer shell thereof and which on at least one end face (3) is associated with a connecting flange (4) having at least one flow opening (8) for one of the two fluids, particularly a hot gas. In order to create advantageous design conditions, according to the invention the profile is a profile tube made of a folded metal sheet, the heat exchanger ribs (7) of which oriented in the profile tube longitudinal direction are formed by the undulated profile, particularly by the undulation flanks, of the folded metal sheet.

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