

Title (en)  
A HEAT EXCHANGER AND A MANUFACTURING METHOD FOR THE SAME

Title (de)  
WÄRMETAUSCHER UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
ÉCHANGEUR DE CHALEUR ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication  
**EP 3062056 A1 20160831 (EN)**

Application  
**EP 16157160 A 20160224**

Priority  
JP 2015036792 A 20150226

Abstract (en)  
The present invention provides a heat exchanger. The heat exchanger can exchange heat at a place where a material containing silicone cannot be used. [Means for Solution] The heat exchanger of the present invention has a heat exchange layered body which is secured by a corner member 12, a top plate 13, a sole plate 14. An unvulcanized rubber 18 in which a vulcanized agent is mixed is inserted into a connecting portion between the corner member 12 and a corner portion of the heat exchange layered body. The unvulcanized rubber 18 is made to foam and inflate by heating. Thereby, the heat exchanger has a high airtightness in a short time in a process of its manufacturing and can be used in a painting factory, etc. where a material including silicon cannot be used.

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Citation (applicant)  
JP 2001341206 A 20011211 - KOYO KAGAKU KK

Citation (search report)  
• [Y] US 5322117 A 19940621 - GUETERSLOH TIMOTHY L [US], et al  
• [Y] GB 2130354 A 19840531 - SUEDEDEUTSCHE KUEHLER BEHR

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