

Title (en)

Method for making a heat exchanger and heat exchanger made by this method

Title (de)

Verfahren zur Herstellung eines Wärmetauschers und Wärmetauscher, der durch Anwendung des Verfahrens erhalten wird

Title (fr)

Procédé pour fabriquer un échangeur de chaleur et échangeur de chaleur produit par ce procédé

Publication

EP 0994313 B1 20050302 (DE)

Application

EP 99203247 A 19991004

Priority

NL 1010300 A 19981012

Abstract (en)

[origin: EP0994313A1] Metal heat exchanger production, by investment casting using a lost plastic model, is new. A metal heat exchanger is produced by: (a) forming a heat exchanger model of plastic which evaporates at or below the metal melting temperature; (b) coating the model with a gas permeable supporting layer of heat resistant material; and (c) casting molten metal on the model to evaporate the plastic for replacement by the metal. An Independent claim is also included for a heat exchanger produced by the above process.

IPC 1-7

F24H 1/24; **B22C 9/04**; **B22D 25/00**

IPC 8 full level

B22C 9/04 (2006.01); **B22D 25/00** (2006.01); **F24H 1/24** (2006.01)

CPC (source: EP)

B22C 9/046 (2013.01); **B22D 25/00** (2013.01); **F24H 1/24** (2013.01)

Cited by

EP1933101A3; EP1938917A1; ITMN20110005A1; CN101786153A; ITMN20110006A1; ITMN20110007A1; CN104057029A; EP3173721A1; CN108291784A; US11313585B2; WO2017090593A1; WO2012117432A1

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