

Title (en)
Process for the manufacture of a heat exchanger

Title (de)
Verfahren zur Herstellung eines Wärmetauschers

Title (fr)
Procédé de fabrication d'un échangeur de chaleur

Publication
EP 1335042 A3 20040825 (DE)

Application
EP 03002414 A 20030204

Priority
BY 20020088 A 20020205

Abstract (en)
[origin: EP1335042A2] Production of a heat exchanger comprises: applying an open-pore foam matrix made from a plastic with an electroconductive surface on a component, electrochemically metallizing the matrix and at least one part of the component to form a heat-conducting element, and thermochemically removing the matrix. Preferred Features: An electroconductive layer is applied on the foam matrix to form an electroconductive surface. The component is a tube which preferably forms a wall of a container. The electroconductive layer is applied on the foam matrix using copper deposition from a tartrate electrolyte. The electrochemically metallization is carried out using electrochemical copper deposition from a pyrophosphate electrolyte.

IPC 1-7
C25D 1/08; **C25D 7/00**; **F28F 13/00**

IPC 8 full level
C25D 1/08 (2006.01); **C25D 7/00** (2006.01); **F28F 13/00** (2006.01)

CPC (source: EP)
C25D 1/08 (2013.01); **F28F 13/003** (2013.01)

Citation (search report)
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• [A] EP 0744586 A1 19961127 - HITACHI CHEMICAL CO LTD [JP]
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DE10343151A1; DE10343151B4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1335042 A2 20030813; **EP 1335042 A3 20040825**; EA 200200280 A1 20030828

DOCDB simple family (application)
EP 03002414 A 20030204; EA 200200280 A 20020305