

Title (en)
HEAT EXCHANGERS

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEURS DE CHALEUR

Publication
EP 3193124 A1 20170719 (EN)

Application
EP 17150118 A 20170103

Priority
US 201614994634 A 20160113

Abstract (en)
A heat exchanger (100) includes a body (101) made of polymer, a plurality of first flow channels (103) defined in the body (101), and a plurality of second flow channels (105) defined in the body (101). The second flow channels (105) fluidly isolated from the first flow channels (103). The first flow channels (103) and second flow channels (105) are arranged in a checkerboard pattern.

IPC 8 full level
F28F 7/02 (2006.01); **F28F 21/06** (2006.01)

CPC (source: EP US)
F28D 7/163 (2013.01 - US); **F28D 7/1653** (2013.01 - US); **F28F 1/006** (2013.01 - US); **F28F 7/02** (2013.01 - EP US);
F28F 21/06 (2013.01 - EP US); **F28F 21/062** (2013.01 - US); **F28F 2255/18** (2013.01 - EP US)

Citation (search report)

- [X] WO 9410520 A1 19940511 - LEVEL ENERGIETECH BV [NL], et al
- [X] US 2013264031 A1 20131010 - PLOURDE JAMES F [US], et al
- [A] WO 2011115883 A2 20110922 - DARTMOUTH COLLEGE [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3193124 A1 20170719; US 2017198979 A1 20170713

DOCDB simple family (application)
EP 17150118 A 20170103; US 201614994634 A 20160113