

Title (en)
POLYMER TUBE HEAT EXCHANGER

Title (de)
POLYMERROHRWÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR À TUBE EN POLYMÈRE

Publication
EP 2771637 A1 20140903 (EN)

Application
EP 12795120 A 20121026

Priority
• US 201161551738 P 20111026
• US 2012062063 W 20121026

Abstract (en)
[origin: WO2013063359A1] A heat exchanger includes a plurality of polymer tubes extending between and fluidly connecting an inlet manifold and an outlet manifold, thereby providing a flow path inside said tubes for a first fluid between the inlet manifold and the outlet manifold. The tubes are configured to have space between the exterior surfaces thereof, thereby providing a fluid flow path for a second fluid through the space between the exterior surfaces of the tubes.

IPC 8 full level
F28F 21/06 (2006.01); **C08L 71/00** (2006.01); **C08L 81/02** (2006.01)

CPC (source: EP US)
F28F 1/00 (2013.01 - US); **F28F 21/062** (2013.01 - EP US); **F28F 2255/16** (2013.01 - EP US)

Citation (search report)
See references of WO 2013063359A1

Cited by
US10495384B2; US10989480B2

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

DOCDB simple family (publication)
WO 2013063359 A1 20130502; CN 103890533 A 20140625; EP 2771637 A1 20140903; US 2014262183 A1 20140918

DOCDB simple family (application)
US 2012062063 W 20121026; CN 201280052636 A 20121026; EP 12795120 A 20121026; US 201214354495 A 20121026