

Title (en)
Heat exchange apparatus

Title (de)
Wärmetauschervorrichtung

Title (fr)
Appareil d'échange de chaleur

Publication
EP 2647939 A3 20180509 (EN)

Application
EP 13160891 A 20130325

Priority
GB 201206089 A 20120405

Abstract (en)
[origin: EP2647939A2] A heat exchange apparatus comprising a body that includes an internal cavity for receiving a fluid, a fluid inlet and a fluid outlet. The internal cavity is provided with at least one formation that defines at least one fluid flow path within the internal cavity between the fluid inlet and the fluid outlet, the or each formation comprising a first surface exposed to fluid within the internal cavity, and a second surface exposed to air surrounding the heat exchanger. Heat can be transferred from fluid flowing within the internal cavity to the air surrounding the heat exchanger via the at least one formation.

IPC 8 full level
F28D 1/03 (2006.01); **F28F 3/02** (2006.01); **F28F 3/04** (2006.01)

CPC (source: EP GB)
F28D 1/0233 (2013.01 - GB); **F28D 1/035** (2013.01 - EP); **F28D 1/0375** (2013.01 - GB); **F28F 3/022** (2013.01 - EP); **F28F 3/04** (2013.01 - EP GB); **F28F 3/14** (2013.01 - GB); **F28F 9/22** (2013.01 - GB); **F28F 2275/06** (2013.01 - GB)

Citation (search report)

- [X] KR 20100044613 A 20100430 - PARK HY0 MOON [KR]
- [X] GB 1325444 A 19730801 - DUNLOP HOLDINGS LTD
- [X] EP 0646759 A1 19950405 - SANDEN CORP [JP]
- [X] GB 2442978 A 20080423 - STORDY ANDREW THOMAS [GB]

Cited by
EP2977701A1; US2016025426A1

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 2647939 A2 20131009; EP 2647939 A3 20180509; GB 201206089 D0 20120516; GB 201612387 D0 20160831; GB 2500911 A 20131009; GB 2537775 A 20161026

DOCDB simple family (application)
EP 13160891 A 20130325; GB 201206089 A 20120405; GB 201612387 A 20120405