

Title (en)
APPARATUS AND METHOD FOR EXCHANGING HEAT

Title (de)
VORRICHTUNG SOWIE VERFAHREN ZUM AUSTAUSCHEN VON WÄRME

Title (fr)
APPAREIL ET PROCÉDÉ D'ÉCHANGE DE CHALEUR

Publication
EP 3124908 A1 20170201 (EN)

Application
EP 16178227 A 20160706

Priority
GB 201513343 A 20150729

Abstract (en)
According to the present disclosure there is provided an apparatus and method for exchanging heat. The apparatus comprises: a first heat transfer member 101 comprising a slot 101'; a second heat transfer member 102, physically separate from the first heat transfer member 101, wherein the second heat transfer member 102 is movable with respect to the first heat transfer member 101, and wherein at least a part 102' of the second heat transfer member is configured to pass through the slot 101', thereby defining a proximal portion 102" of the second heat transfer member which is within the slot 101' and; a heat exchange region 104 configured to transfer heat between the first heat transfer member 101 and the second heat transfer member 102, the heat exchange region 104 comprising the slot 101' and the proximal portion 102".

IPC 8 full level
F28D 11/02 (2006.01); **F28D 19/04** (2006.01)

CPC (source: EP)
F28D 11/02 (2013.01); **F28D 19/04** (2013.01); **F28D 2021/0028** (2013.01)

Citation (search report)
• [X] US 3844341 A 19741029 - BIMSHAS J, et al
• [X] US 6050326 A 20000418 - EVANS RICHARD J [US], et al

Cited by
CN107906648A; US11525459B2

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 3124908 A1 20170201; **EP 3124908 B1 20181003**; GB 201513343 D0 20150909

DOCDB simple family (application)
EP 16178227 A 20160706; GB 201513343 A 20150729