

Title (en)
ROTATION HEAT EXCHANGER HAVING HEAT EXCHANGER PLATES OR HEAT EXCHANGER TUBES MADE OF CARBON AND GRAPHITE MATERIALS

Title (de)
ROTATIONSWÄRMETAUSCHER MIT WÄRMETAUSCHERPLATTEN ODER WÄRMETAUSCHERROHREN AUS KOHLE- UND GRAPHITWERKSTOFFEN

Title (fr)
ÉCHANGEUR DE CHALEUR ROTATIF DOTÉ DE PLAQUES OU DE TUYAUX EN MATÉRIAU DE CARBONE ET DE GRAPHITE

Publication
EP 2820367 A1 20150107 (DE)

Application
EP 13702995 A 20130131

Priority
• DE 102012203278 A 20120301
• EP 2013051974 W 20130131

Abstract (en)
[origin: WO2013127594A1] A rotation heat exchanger is described for the recovery of heat with a storage mass. The rotation heat exchanger consists of heat exchanger plates or heat exchanger tubes arranged as a rotor (1) which accepts the heat from a hot gas flow and releases the heat to a colder gas flow, wherein the heat exchanger plates or heat exchanger tubes may consist of carbon composite materials and/or graphite and/or hard-baked carbon.

IPC 8 full level
F28F 21/02 (2006.01); **F28D 19/04** (2006.01)

CPC (source: EP)
F28D 19/042 (2013.01); **F28F 21/02** (2013.01)

Citation (search report)
See references of WO 2013127594A1

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)
DE 102012203278 A1 20130905; CN 104204712 A 20141210; EP 2820367 A1 20150107; WO 2013127594 A1 20130906

DOCDB simple family (application)
DE 102012203278 A 20120301; CN 201380012114 A 20130131; EP 13702995 A 20130131; EP 2013051974 W 20130131