

Title (en)

DOUBLE-WALLED DRY HEAT EXCHANGER COIL WITH SINGLE-WALLED RETURN BENDS

Title (de)

TROCKENER DOPPELWANDIGER WÄRMETAUSCHER MIT EINWANDIGEN RÜCKFÜHRUNGSBIEGUNGEN

Title (fr)

ÉCHANGEUR THERMIQUE À SEC À SERPENTIN À DOUBLE PAROI DOTÉ DE COUDES EN U À PAROI UNIQUE

Publication

EP 2841863 A4 20160120 (EN)

Application

EP 13782020 A 20130425

Priority

- US 201261638275 P 20120425
- US 2013038177 W 20130425

IPC 8 full level

F28D 1/04 (2006.01); **F28D 7/08** (2006.01); **F28D 7/16** (2006.01); **F28F 1/00** (2006.01); **H01F 27/10** (2006.01); **F28D 15/00** (2006.01)

CPC (source: EP US)

F28D 7/1623 (2013.01 - EP); **F28F 1/003** (2013.01 - EP); **F28F 17/005** (2013.01 - US); **H01F 27/10** (2013.01 - EP); **F28D 7/085** (2013.01 - EP); **F28D 15/00** (2013.01 - EP); **F28D 2021/0031** (2013.01 - EP); **F28D 2021/004** (2013.01 - EP)

Citation (search report)

- [XY] DE 19608049 A1 19970904 - BEHR GMBH & CO [DE]
- [Y] US 3467178 A 19690916 - WARE CHESTER D
- [XA] DE 19721111 A1 19971127 - NIPPON SOKEN [JP]
- [XA] US 2858677 A 19581104 - STONE RICHARD J
- [A] US 4232735 A 19801111 - KIM SUNG C, et al
- [A] US 3878593 A 19750422 - OWEN TOM E
- [A] US 2187555 A 19400116 - FLINDT ALBERT O
- [A] JP S58139413 A 19830818 - TOKYO SHIBAURA ELECTRIC CO
- See references of WO 2013163400A1

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)

DK 2841863 T3 20220425; EP 2841863 A1 20150304; EP 2841863 A4 20160120; EP 2841863 B1 20220209; ES 2912555 T3 20220526; PL 2841863 T3 20220530

DOCDB simple family (application)

DK 13782020 T 20130425; EP 13782020 A 20130425; ES 13782020 T 20130425; PL 13782020 T 20130425