

Title (en)
SOLAR COLLECTOR ARRANGEMENT

Title (de)
SONNENKOLLEKTORANORDNUNG

Title (fr)
AGENCEMENT DE CAPTEURS SOLAIRES

Publication
EP 3682172 A4 20210407 (EN)

Application
EP 18855849 A 20180913

Priority
• US 201715704306 A 20170914
• FI 2018050659 W 20180913

Abstract (en)
[origin: US2019078809A1] A solar collector arrangement comprises at least two solar collectors, each solar collector comprising at least one collector element with at least one flow channel for receiving heat transfer medium to be heated in the solar collector. The at least two solar collectors are arranged in parallel connection relative to each other and the heat transfer medium to be heated in the solar collectors and the heat transfer medium heated in the solar collectors are arranged to flow into the solar collectors and out of the solar collectors in turns one or some solar collectors of the solar collector arrangement at a time.

IPC 8 full level
F24S 50/00 (2018.01); **F24S 10/00** (2018.01); **F24S 50/40** (2018.01); **F24S 80/30** (2018.01)

CPC (source: EP US)
F24S 10/25 (2018.04 - US); **F24S 50/00** (2018.04 - EP US); **F24S 50/40** (2018.04 - EP US); **F24S 90/00** (2018.04 - EP US); **F24S 80/30** (2018.04 - EP US); **Y02B 10/20** (2013.01 - EP); **Y02E 10/44** (2013.01 - EP)

Citation (search report)
• [X1] US 2013333694 A1 20131219 - ZAMIR OFRI [IL]
• [X] US 2012131941 A1 20120531 - ACKNER RICHARD [US], et al
• [A] US 8095245 B1 20120110 - MANNEPALLI RAO Y [US], et al
• See references of WO 2019053332A1

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)
US 2019078809 A1 20190314; EP 3682172 A1 20200722; EP 3682172 A4 20210407; WO 2019053332 A1 20190321

DOCDB simple family (application)
US 201715704306 A 20170914; EP 18855849 A 20180913; FI 2018050659 W 20180913