

Title (en)
SOLAR ENERGY CONVERSION SYSTEM

Title (de)
SONNENENERGIEUMWANDLUNGSSYSTEM

Title (fr)
SYSTÈME DE CONVERSION D'ENERGIE SOLAIRE

Publication
EP 2477948 A2 20120725 (EN)

Application
EP 10757372 A 20100916

Priority
• US 24303209 P 20090916
• US 30482410 P 20100216
• US 2010049137 W 20100916

Abstract (en)
[origin: WO2011035037A2] A solar energy conversion system includes a solar collector and a water purification circuit. The energy conversion system may also provide electrical power. A plane angle modifier orients the solar collector, either manually or automatically, to maximize absorption of radiant solar energy. Further, a case allows for transporting solar energy conversion system of the present disclosure and its associated components.

IPC 8 full level
C02F 1/14 (2006.01); **C02F 1/02** (2006.01); **F24S 50/20** (2018.01)

CPC (source: EP US)
C02F 1/14 (2013.01 - EP US); **F24S 25/10** (2018.04 - EP); **F24S 30/425** (2018.04 - EP US); **F24S 30/48** (2018.04 - EP US); **F24S 40/10** (2018.04 - EP); **F24S 50/20** (2018.04 - EP US); **F24S 60/30** (2018.04 - EP US); **F24S 80/30** (2018.04 - EP); **C02F 1/008** (2013.01 - EP); **C02F 1/02** (2013.01 - EP); **C02F 2201/008** (2013.01 - EP); **C02F 2201/009** (2013.01 - EP); **C02F 2209/02** (2013.01 - EP); **C02F 2209/40** (2013.01 - EP); **C02F 2301/063** (2013.01 - EP); **C02F 2303/04** (2013.01 - EP); **F24D 17/0021** (2013.01 - EP); **F24S 2020/17** (2018.04 - EP); **F24S 2025/013** (2018.04 - EP); **F24S 2030/115** (2018.04 - EP); **F24S 2030/133** (2018.04 - EP); **Y02A 20/212** (2017.12 - EP); **Y02E 10/47** (2013.01 - EP)

Citation (search report)
See references of WO 2011035037A2

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011035037 A2 20110324; **WO 2011035037 A3 20110519**; CN 102725233 A 20121010; EP 2477948 A2 20120725; EP 2549200 A1 20130123

DOCDB simple family (application)
US 2010049137 W 20100916; CN 201080048924 A 20100916; EP 10757372 A 20100916; EP 12186230 A 20100916