

Title (en)
SOLAR THERMAL ENERGY COLLECTOR

Title (de)
SOLARTHERMIEKOLLEKTOR

Title (fr)
COLLECTEUR D'ÉNERGIE THERMIQUE SOLAIRE

Publication
EP 2220442 A1 20100825 (EN)

Application
EP 08855928 A 20081121

Priority
• US 2008084402 W 20081121
• US 94929507 A 20071203

Abstract (en)
[origin: US2009139515A1] A solar thermal energy collector includes a receptacle and a tube positioned within the receptacle and having a closed end. The tube includes a divider cross-sectionally bifurcating the tube. The divider is spaced apart from the closed end of the tube to allow fluid communication between two bifurcated portions of the tube. A fluid is circulated through the two bifurcated portions of the tube for transferring of the solar thermal energy.

IPC 8 full level
F24J 2/04 (2006.01); **F24S 10/30** (2018.01); **F24S 10/40** (2018.01); **F24S 10/70** (2018.01); **F24S 23/70** (2018.01)

CPC (source: EP US)
F24S 10/25 (2018.04 - EP US); **F24S 10/45** (2018.04 - EP US); **F24S 23/80** (2018.04 - EP US); **Y02E 10/44** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
US 2009139515 A1 20090604; CN 101910749 A 20101208; EP 2220442 A1 20100825; EP 2220442 A4 20131120;
WO 2009073416 A1 20090611

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US 94929507 A 20071203; CN 200880123746 A 20081121; EP 08855928 A 20081121; US 2008084402 W 20081121