

Title (en)

SYSTEM AND PROCESS FOR USING SOLAR RADIATION TO PRODUCE ELECTRICITY

Title (de)

SYSTEM UND VERFAHREN ZUR VERWENDUNG VON SONNENSTRAHLUNG ZUR ERZEUGUNG VON STROM

Title (fr)

SYSTÈME ET PROCÉDÉ D'UTILISATION DES RAYONNEMENTS SOLAIRES POUR PRODUIRE DE L'ÉLECTRICITÉ

Publication

**EP 2350455 A2 20110803 (EN)**

Application

**EP 09821063 A 20091012**

Priority

- US 2009060305 W 20091012
- US 10488508 P 20081013

Abstract (en)

[origin: US2010089391A1] A system for capturing solar radiation at a variable rate and providing heat at a constant rate to an electrical generating station is described. The system uses a thermal storage component that includes two or more thermal storage zones to coordinate the rate and quantity of heat delivered to the generating station.

IPC 8 full level

**F03G 6/00** (2006.01); **F03G 6/02** (2006.01); **F03G 6/06** (2006.01); **F24J 2/02** (2006.01); **F24S 20/30** (2018.01)

CPC (source: EP US)

**F24S 60/00** (2018.04 - EP US); **Y02E 10/46** (2013.01 - EP US)

Citation (search report)

See references of WO 2010045130A2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**US 2010089391 A1 20100415**; AU 2009303637 A1 20100422; AU 2009303637 B2 20110901; BR PI0920462 A2 20151222; CA 2740431 A1 20100422; CN 102171452 A 20110831; EP 2350455 A2 20110803; MA 32735 B1 20111002; WO 2010045130 A2 20100422; WO 2010045130 A3 20100708; ZA 201103514 B 20120125

DOCDB simple family (application)

**US 57722209 A 20091012**; AU 2009303637 A 20091012; BR PI0920462 A 20091012; CA 2740431 A 20091012; CN 200980139291 A 20091012; EP 09821063 A 20091012; MA 33802 A 20110429; US 2009060305 W 20091012; ZA 201103514 A 20110513