

Title (en)  
SOLAR ENERGY COLLECTION UTILIZING HELIOSTATS

Title (de)  
SOLARENERGIEGEWINNUNG MIT HELIOSTATEN

Title (fr)  
COLLECTE D'ÉNERGIE SOLAIRE AU MOYEN D'HÉLIOSTATS

Publication  
**EP 2883009 A4 20160810 (EN)**

Application  
**EP 13828666 A 20130806**

Priority  
• US 201261680375 P 20120807  
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Abstract (en)  
[origin: WO2014025823A1] Heliostats are utilized to direct solar energy to a target configured for collecting the solar energy. The heliostats include mirrors that are adjustable so as to track the position of the sun relative to the target as the position changes over time. The heliostats are configured for self- alignment without the need for external control or surveying.

IPC 8 full level  
**F24J 2/40** (2006.01); **F24S 20/20** (2018.01); **F24S 23/70** (2018.01); **F24S 50/20** (2018.01)

CPC (source: EP US)  
**F03G 6/065** (2013.01 - EP US); **F24S 20/20** (2018.04 - EP US); **F24S 23/80** (2018.04 - EP US); **F24S 50/20** (2018.04 - EP US);  
**Y02E 10/40** (2013.01 - US); **Y02E 10/46** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US)

Citation (search report)  
• [XYI] US 2011155119 A1 20110630 - HICKERSON KEVIN [US], et al  
• [Y] US 2011317876 A1 20111229 - BENDER WILLIAM H [US]  
• [A] US 4564275 A 19860114 - STONE KENNETH W [US]  
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• See references of WO 2014025823A1

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

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**WO 2014025823 A1 20140213**; AU 2013299734 A1 20150226; EP 2883009 A1 20150617; EP 2883009 A4 20160810; IL 237141 A0 20150430;  
US 2015226461 A1 20150813

DOCDB simple family (application)  
**US 2013053855 W 20130806**; AU 2013299734 A 20130806; EP 13828666 A 20130806; IL 23714115 A 20150208;  
US 201314420176 A 20130806