

Title (en)
SOLAR COLLECTION SYSTEM

Title (de)
SOLARZELLENSYSTEM

Title (fr)
SYSTÈME DE COLLECTE SOLAIRE

Publication
EP 2521885 A1 20121114 (EN)

Application
EP 11706792 A 20110221

Priority
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Abstract (en)
[origin: WO2011110415A1] A solar collection system configured for use with a solar thermal power plant is provided. The solar collection system is designed to facilitate capture of thermal energy of incident solar radiation by a heat transfer fluid (HTF) flowing therethrough and comprises a longitudinally extending concentrator designed to reflect at least a portion of the incident solar radiation toward a focus line thereof, a heat collecting element (HCE) coincident with the focus line and comprising a tube carrying the HTF, and a transparent enclosure surrounding the tube. The concentrator comprises a light rectifying arrangement configured to specularly reflect the incident solar radiation and increase the elevation angle thereof.

IPC 8 full level
F24J 2/14 (2006.01); **F24S 23/74** (2018.01)

CPC (source: EP)
F24S 23/74 (2018.04); **F24S 20/20** (2018.04); **Y02E 10/40** (2013.01)

Citation (search report)
See references of WO 2011110415A1

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