

Title (en)
SOLAR COLLECTOR WITH A CONCENTRATING DEVICE COMPRISING A PLURALITY OF SECTIONS

Title (de)
SOLARKOLLEKTOR MIT EINER KONZENTRATORANORDNUNG GEBILDET AUS MEHREREN ABSCHNITTEN

Title (fr)
CAPTEUR SOLAIRE AVEC DISPOSITIF DE CONCENTRATEUR COMPORTANT PLUSIEURS SECTIONS

Publication
EP 2630416 A1 20130828 (DE)

Application
EP 11788015 A 20111024

Priority
• CH 17462010 A 20101024
• CH 17452010 A 20101024
• CH 17442010 A 20101024
• CH 17762010 A 20101025
• CH 17752010 A 20101025
• CH 17742010 A 20101025
• CH 2011000257 W 20111024

Abstract (en)
[origin: WO2012055055A1] The additional concentrators of a second concentrator arrangement in a linear concentrator, which is designed as a trough concentrator, allow the concentrated radiation to be concentrated in focal point areas with the result that a higher concentration of radiation and thus higher temperatures can be achieved in the absorber tube. In order to reduce the heat losses in the absorber tube, which are increasing exponentially due to the higher temperatures, an absorber arrangement is provided in synergy, which comprises rows of individual thermal openings, said rows being located next to one another.

IPC 8 full level
F24J 2/54 (2006.01); **F24S 10/40** (2018.01); **F24S 10/70** (2018.01); **F24S 20/20** (2018.01); **F24S 23/00** (2018.01); **F24S 23/70** (2018.01); **F24S 23/71** (2018.01); **F24S 23/74** (2018.01); **F24S 23/79** (2018.01); **F24S 50/20** (2018.01); **F24S 90/00** (2018.01); **H01L 31/052** (2006.01)

CPC (source: EP KR US)
F03G 6/06 (2013.01 - KR); **F24S 10/00** (2018.05 - KR); **F24S 10/40** (2018.05 - EP US); **F24S 10/70** (2018.05 - EP KR US); **F24S 20/20** (2018.05 - EP KR US); **F24S 23/70** (2018.05 - KR); **F24S 23/74** (2018.05 - EP US); **F24S 23/79** (2018.05 - EP US); **F24S 30/425** (2018.05 - EP US); **F24S 50/20** (2018.05 - EP US); **F24S 90/00** (2018.05 - EP US); **F24S 80/56** (2018.05 - EP US); **Y02E 10/40** (2013.01 - US); **Y02E 10/44** (2013.01 - EP US); **Y02E 10/46** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US)

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DOCDB simple family (application)
CH 17762010 A 20101025; AU 2011320097 A 20111024; AU 2011320098 A 20111024; CH 17742010 A 20101025; CH 17752010 A 20101025; CH 2011000257 W 20111024; CH 2011000258 W 20111024; CL 2013001113 A 20130423; CL 2013001114 A 20130423; CN 201180051315 A 20111024; CN 201180051403 A 20111024; EP 11788015 A 20111024; EP 11788016 A 20111024; IL 22591713 A 20130424; IL 22591913 A 20130424; JP 2013535227 A 20111024; JP 2013535228 A 20111024; KR 20137011779 A 20111024; KR 20137013308 A 20111024; MA 35894 A 20130513; MA 35903 A 20130513; MX 2013004580 A 20111024; MX 2013004582 A 20111024; TN 2013000163 A 20130412; US 201113878936 A 20111024; US 201113880580 A 20111024