

Title (en)  
ABSORBER TUBE FOR A TROUGH COLLECTOR

Title (de)  
ABSORBERROHR FÜR EINEN RINNENKOLLEKTOR

Title (fr)  
TUBE ABSORBEUR POUR UN COLLECTEUR CYLINDRO-PARABOLIQUE

Publication  
**EP 2630417 A2 20130828 (DE)**

Application  
**EP 11788016 A 20111024**

Priority

- CH 17442010 A 20101024
- CH 17762010 A 20101025
- CH 17752010 A 20101025
- CH 17452010 A 20101024
- CH 17742010 A 20101025
- CH 17462010 A 20101024
- CH 2011000258 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)

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

DOCDB simple family (publication)  
**CH 703995 A2 20120430**; AU 2011320097 A1 20130523; AU 2011320098 A1 20130509; CH 703996 A2 20120430; CH 704005 A2 20120430; CL 2013001113 A1 20130830; CL 2013001114 A1 20130830; CN 103201567 A 20130710; CN 103201568 A 20130710; EP 2630416 A1 20130828; EP 2630417 A2 20130828; IL 225917 A0 20130731; IL 225919 A0 20130731; JP 2013542398 A 20131121; JP 2013545958 A 20131226; KR 20130128406 A 20131126; KR 20140020827 A 20140219; MA 34660 B1 20131102; MA 34665 B1 20131102; MX 2013004580 A 20130522; MX 2013004582 A 20130522; TN 2013000163 A1 20141110; US 2013247961 A1 20130926; US 2014026944 A1 20140130; WO 2012055055 A1 20120503; WO 2012055056 A2 20120503; WO 2012055056 A3 20120830

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