

Title (en)

METHOD AND DEVICE FOR HEATING USING SUNLIGHT

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HEIZEN MITTELS SONNENLICHT

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CHAUFFAGE PAR LA LUMIÈRE SOLAIRE

Publication

**EP 2867594 A4 20160309 (EN)**

Application

**EP 13808482 A 20130628**

Priority

- SE 1250743 A 20120629
- SE 2013050820 W 20130628

Abstract (en)

[origin: WO2014003680A1] Device (10) for heating using sunlight, whereby at least two sunlight focusing devices (11,12,13) are arranged to focus sunlight and to convey the focused sunlight into and along a respective one of at least two optical fiber devices (14, 15, 16). The invention is characterised in that the at least two optical fiber devices are arranged to convey the light to a certain common area ( 20; 120; 220 ) so that the light from the at least two optical fiber devices incides towards the common area.

IPC 8 full level

**F24S 23/30** (2018.01); **F24S 23/00** (2018.01); **F24S 23/71** (2018.01); **F24S 23/79** (2018.01)

CPC (source: EP SE US)

**F24S 23/12** (2018.04 - EP SE US); **F24S 23/30** (2018.04 - SE); **F24S 23/71** (2018.04 - EP US); **F24S 23/79** (2018.04 - EP);  
**Y02E 10/40** (2013.01 - EP)

Citation (search report)

- [XY] US 5531969 A 19960702 - TAMME RAINER [DE], et al
- [X] EP 0922914 A2 19990616 - CEO CENTRO DI ECCELLENZA OPTRO [IT]
- [Y] WO 2007099564 A1 20070907 - GARBAGNATI FRANCESCO [IT], et al
- [Y] US 2011067687 A1 20110324 - RAYMOND MARK A [US], et al
- [Y] US 4483311 A 19841120 - WHITAKER RANALD O [US]
- [Y] US 4282858 A 19810811 - BOWERS JR RICHARD S
- See references of WO 2014003680A1

Cited by

CN112393442A

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)

**WO 2014003680 A1 20140103**; EP 2867594 A1 20150506; EP 2867594 A4 20160309; SE 1250743 A1 20131230

DOCDB simple family (application)

**SE 2013050820 W 20130628**; EP 13808482 A 20130628; SE 1250743 A 20120629