

Title (en)

ABSORBER FOR THE CONVERSION OF SOLAR RAYS INTO THERMAL ENERGY

Title (de)

ABSORBER ZUR UMWANDLUNG VON SONNENSTRAHLEN IN WÄRMEENERGIE

Title (fr)

ABSORBEUR QUI CONVERTIT LE RAYONNEMENT SOLAIRE EN ENERGIE THERMIQUE

Publication

**EP 2102562 A1 20090923 (DE)**

Application

**EP 06818771 A 20061123**

Priority

- EP 2006011251 W 20061123
- DE 102005055858 A 20051123

Abstract (en)

[origin: DE102005055858A1] The absorber (14) converts solar radiation into thermal energy in a solar collector (10). The solar collector consists of a non-porous dark ceramic material. A heat-transporting fluid flows through the absorber. The ceramic material may be one not containing oxides, but based on silicium carbide in its technical form.

IPC 8 full level

**F24J 2/48** (2006.01)

CPC (source: EP US)

**F24S 23/74** (2018.04 - EP US); **F24S 70/16** (2018.04 - EP US); **F24S 80/70** (2018.04 - EP US); **F24S 2025/6007** (2018.04 - EP US); **F24S 2025/601** (2018.04 - EP US); **Y02E 10/40** (2013.01 - EP US)

Citation (search report)

See references of WO 2007059972A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102005055858 A1 20070524**; AU 2006316742 A1 20070531; AU 2006316742 B2 20110922; AU 2006316742 C1 20120301; CN 101351674 A 20090121; EG 25698 A 20120522; EP 2102562 A1 20090923; IL 191607 A0 20081229; IL 191607 A 20140930; RU 2008125102 A 20091227; US 2009114281 A1 20090507; US 2011017204 A1 20110127; WO 2007059972 A1 20070531; ZA 200805387 B 20091028

DOCDB simple family (application)

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