

Title (en)  
DEVICE FOR GUIDING SOLAR RADIATION

Title (de)  
VORRICHTUNG ZUR LENKUNG VON SOLARSTRAHLUNG

Title (fr)  
DISPOSITIF DE GUIDAGE DE RAYONNEMENT SOLAIRE

Publication  
**EP 2464918 A2 20120620 (DE)**

Application  
**EP 10740601 A 20100730**

Priority  
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• EP 2010061131 W 20100730

Abstract (en)  
[origin: WO2011018367A2] The invention relates to a reflection device (RE) that can track the location of sun, focusing solar radiation on a radiation receiver (12). The tracking is controlled by means of an auxiliary mirror (17) guiding an auxiliary beam (18) to a target (19). The position of the point of incidence of the auxiliary beam (18) on the target (19) is detected by a video camera (20) and an image capture system, and said actual position is adjusted to a prescribed target position. It is thus achieved that the main beam is always precisely aimed at the radiation receiver (12).

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CPC (source: EP US)  
**F24S 20/20** (2018.04 - EP US); **F24S 50/20** (2018.04 - EP US); **Y02E 10/40** (2013.01 - US); **Y02E 10/47** (2013.01 - EP US)

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