

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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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)

Citation (search report)
See references of WO 2011018367A2

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