

Title (en)

CONCENTRATOR FOR SOLAR ENERGY GENERATION AND THE PRODUCTION THEREOF FROM POLYMERIC MATERIALS

Title (de)

KONZENTRATOR FÜR DIE SOLARE ENERGIEGEWINNUNG UND DESSEN HERSTELLUNG AUS POLYMEREN WERKSTOFFEN

Title (fr)

CONCENTRATEUR POUR LA PRODUCTION D'ÉNERGIE SOLAIRE ET SA FABRICATION À PARTIR DE MATÉRIAUX POLYMÈRES

Publication

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Application

EP 10749863 A 20100907

Priority

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Abstract (en)

[origin: WO2011045121A1] The present invention relates to a concentrator for concentrating solar radiation and to the production thereof from polymeric materials. The concentrator according to the invention can be used in photovoltaically or in particular in solar thermally usable systems. The concentrator according to the invention allows for the efficient concentration of solar radiation onto objects such as solar cells, independent of the geometry thereof. This relates, for example, to the surface of a solar cell as it is used in concentrating photovoltaics, and also an absorber tube as it is used in concentrating solar heating, for example in the scope of the parabolic trough technology.

IPC 8 full level

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Citation (search report)

See references of WO 2011045121A1

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