Title (en)

SOLAR FLUX ENHANCER

Title (de)

SOLARKONZENTRATOR

Title (fr)

DISPOSITIF DE CONCENTRATION DE FLUX SOLAIRE

Publication

EP 0807230 A4 19980708 (EN)

Application

EP 96901188 A 19960131

Priority

- AU 9600044 W 19960131
- AU PN083295 A 19950131

Abstract (en)

[origin: WO9624014A1] A solar energy concentrator is disclosed. The solar energy concentration comprises: (i) a primary reflector surface (3) for concentrating solar energy towards a focal plane; (ii) a solar energy receiver (5) for receiving reflected solar energy positioned behind the focal plane; (iii) a solar energy flux modifier (7) having a front aperture (9), internally mirrored walls (11) that diverge from the front aperture (13), and a larger rear aperture, the flux modifier being adapted to receive concentrated solar energy from the primary reflector surface via the front aperture and to re-direct solar energy via the mirrored walls and the larger rear aperture to the receiver.

IPC 1-7

F24J 2/18

IPC 8 full level

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CPC (source: EP US)

F24S 20/20 (2018.04 - EP US); **F24S 23/71** (2018.04 - EP US); **F24S 23/79** (2018.04 - EP); Y02E 10/40 (2013.01 - EP)

Citation (search report)

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Designated contracting state (EPC)

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