

Title (en)
SOLAR FLUX ENHANCER

Title (de)
SOLARKONZENTRATOR

Title (fr)
DISPOSITIF DE CONCENTRATION DE FLUX SOLAIRE

Publication
EP 0807230 A1 19971119 (EN)

Application
EP 96901188 A 19960131

Priority
• AU 9600044 W 19960131
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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.

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