

Title (en)

COLLECTOR AND COLLECTOR ARRANGEMENT FOR GENERATING HEAT FROM INCIDENT RADIATION

Title (de)

KOLLEKTOR UND KOLLEKTORANORDNUNG ZUR GEWINNUNG VON WÄRME AUS EINFALLENDER STRAHLUNG

Title (fr)

COLLECTEUR EST SYSTEME DE COLLECTEUR POUR RECUPERER LA CHALEUR DEGAGEE DE RAYONNEMENTS INCIDENTS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006111940A2] The invention relates to a collector and a collector arrangement for generating heat, especially from incident radiation. In principle, such collectors and collector arrangements are known in prior art. An individual collector known in prior art typically comprises a reflector device (110) for reflecting the incident radiation onto at least one focusing zone (130-1) of the reflector device (110). A typical collector further comprises an absorber device that is disposed in the focusing zone. In order to provide the reflector device with great inherent stability, particularly against wind and torsion, the inventive reflector device is embodied with a plurality of facet elements (110-I-i, 110-II-n) which are placed at an angle from each other such that the reflector device (110) has a zigzag-shaped profile (116).

IPC 8 full level

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CPC (source: EP US)

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