

ABSTRACT**SOLAR RADIATION RECEIVER**

5 Solar radiation (1) receiver (2) having inlet and outlet collectors (9) and a series of conduits (8), which go from the inlet collector (9) to the outlet collector (9). Within the conduits (8) a working fluid that is heated when it receives solar radiation (1) flows.

 The receiver (2) is made in one single piece, and it comprises an upper
10 layer (5), at least an intermediate layer (6), and a lower layer (7). Solar radiation (1) strikes the upper layer (5). The, at least one, intermediate layer (6) is located under the upper layer (5), and the conduits (8) through which the working fluid flows are located therein. The lower layer (7) is located under the intermediate layer (6), and the inlet and outlet collectors (9) of the working fluid are coupled
15 in said lower layer (7).

 The working fluid that is heated inside the receiver (2) next flows into a heat engine (3), which produces electricity by means of an alternator (4).