

Title (en)
SYSTEM FOR THE OPTIMISED MONITORING OF A LIGHT SOURCE

Title (de)
SYSTEM ZUR OPTIMIERTEN ÜBERWACHUNG EINER LICHTQUELLE

Title (fr)
SYSTÈME POUR SUIVI OPTIMISE DE SOURCE LUMINEUSE

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Application
EP 16825483 A 20161212

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• FR 1562269 A 20151214
• FR 2016053339 W 20161212

Abstract (en)
[origin: WO2017103410A1] The invention relates to a system for monitoring a source of light energy (1), comprising: a pivotably mounted solar receiver (2); a thermomechanical transducer (3, 4) comprising first (3) and second (4) thermal actuators each having a thermostatic bimetallic element deformed according to the solar radiation that they receive; a first light filtering body (33) over the first actuator (3); a second light filtering body (43) over the second actuator (4); a driving body (31, 41) having a sliding direction; and a mechanical transmission (5) transforming the sliding of the driving body (31, 41) into pivoting of said solar receiver, and comprising a third thermal actuator with a thermostatic bimetallic element deformed according to the ambient temperature and isolated from the solar radiation, the deformation thereof modifying the transmission ratio between the sliding course of the driving body and the pivoting angle of said solar receiver (2).

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