

Title (en)

A method for controlling the energy balance of a system for catching, accumulating and transferring solar energy and a system therefor.

Title (de)

Kontrollmethode und-system für die Energiebilanz eines Systems zum Auffangen, Speichern und Übertragen von Sonnenenergie.

Title (fr)

Méthode et système de contrôle du bilan d'énergie d'un système de captation, d'accumulation et de transfert de l'énergie solaire.

Publication

**EP 0000236 A1 19790110 (EN)**

Application

**EP 78200073 A 19780703**

Priority

NL 7707337 A 19770701

Abstract (en)

A method for controlling the energy balance of a system for catching, accumulating and transferring solar energy and a system therefor. A system for catching, accumulating and transferring solar energy and a method for controlling said system, in which the system includes a closed fluid circuit (2) comprising a solar energy collector (1) and a heat accumulator (4) adapted to transfer its heat to an energy consuming apparatus and also includes means (5)(5 min ) for measuring the temperature difference between the input and the output of the solar energy collector and using this temperature difference to interrupt the fluid flow in said circuit, when the heat output of said collector exceeds the heat input.

IPC 1-7

**F24J 3/02**

IPC 8 full level

**F24J 2/40** (2006.01)

CPC (source: EP)

**F24S 50/40** (2018.04); **Y02E 10/40** (2013.01)

Citation (search report)

- [X] US 3986489 A 19761019 - SCHLESINGER ROBERT J
- [X] FR 1138587 A 19570617 - RADIASOL
- [X] US 2575478 A 19511120 - WILSON LEON T
- [X] US 4019495 A 19770426 - FRAZIER CLIVE A, et al
- FR 2270535 A1 19751205 - MADERN MARGUERITE [FR]
- US 4017028 A 19770412 - MANOR GIORA

Cited by

ES2112179A1; GB2144210A

Designated contracting state (EPC)

BE CH DE FR GB LU NL SE

DOCDB simple family (publication)

**EP 0000236 A1 19790110**; AU 3740178 A 19800103; DK 281778 A 19790102; NL 7707337 A 19790103; NO 782289 L 19790103

DOCDB simple family (application)

**EP 78200073 A 19780703**; AU 3740178 A 19780623; DK 281778 A 19780622; NL 7707337 A 19770701; NO 782289 A 19780630