Title (en)

INFRARED CLOUD DETECTOR SYSTEMS AND METHODS

Title (de)

SYSTEME UND VERFAHREN FÜR INFRAROT-WOLKENDETEKTOR

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DÉTECTION DE NUAGE INFRAROUGE

Publication

EP 3523614 A4 20200610 (EN)

Application

EP 17859286 A 20171006

Priority

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- US 2017055631 W 20171006

Abstract (en)

[origin: WO2018067996A1] The present disclosure generally relates to infrared cloud detector systems and methods for detecting cloud cover conditions. The infrared cloud detector system comprises an infrared sensor, an ambient temperature sensor, and logic. The infrared sensor is configured to measure sky temperature based on infrared radiation received within its field-of-view. The ambient temperature sensor is configured to measure an ambient temperature. And the logic is configured to determine a cloud condition based on a difference between the measured sky temperature and the measured ambient temperature.

IPC 8 full level

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Citation (search report)

- [A] WO 2016054112 A1 20160407 - VIEW INC [US]
- [XI] PETER CAMPBELL-BURNS: "Building a cloud sensor | Farnham Astronomical Society", 15 April 2013 (2013-04-15), XP055689238, Retrieved from the Internet <URL:https://www.farnham-as.co.uk/2013/04/building-a-cloud-sensor/> [retrieved on 20200424]
- See references of WO 2018067996A1

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DOCDB simple family (application)

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