

Title (en)

A METHOD FOR CONTROLLING AN AIRPORT NAVIGATION LIGHTS SYSTEM

Title (de)

VERFAHREN ZUR STEUERUNG EINES FLUGHAFENNAVIGATIONSSYSTEMS

Title (fr)

PROCÉDÉ DE COMMANDE D'UN SYSTÈME DE FEUX DE NAVIGATION D'AÉROPORT

Publication

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Application

EP 18716643 A 20180417

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- EP 2018059769 W 20180417

Abstract (en)

[origin: EP3393212A1] The invention relates to a method for controlling an airport navigation lights system (22), comprising (a) a power source (24) for producing an AC current (I); (b) a plurality of lamp units (26) that - are powered by the power source (24) via a cable (25) and - comprise a receiver; (c) at least one aeronautical ground light (14.1); and (d) a control unit (30) that - is connected to the cable (25) and - is arranged for sending messages to the lamp units (26) and receiving messages from the lamp units (26) via the cable (25), the method comprising the following steps: (i) determining a noise level for a plurality of time slots (S) along the period of the AC current (I); (ii) determining low-noise time slots during which the noise level is below a noise threshold; (iii) sending a low-information message (M low) encoding the timing of at least some of the low-noise time slots relative to the period via the cable; and (iv) sending high-information messages encoding control commands during these low-noise time slots.

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