

Title (en)

VEHICULAR INFRARED LIGHT EMITTING DEVICE FOR DETTERING WILDLIFE

Title (de)

INFRAROTLICHTEMITTIERENDE FAHRZEUGVORRICHTUNG ZUM VERDORBENEN VON WILDTIEREN

Title (fr)

DISPOSITIF ÉMETTANT DE LA LUMIÈRE INFRAROUGE POUR VÉHICULE PERMETTANT D'EFFAROUCHER LES ANIMAUX SAUVAGES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2022135710A1] The invention discloses a vehicular electronic device which is emitting infrared light to repel wild animals. It comprises a controller unit (701) with pre-stored constants and program logic, a speed measuring device (703), a movement sensor (702), a user interface (704), and two or more IR emitter units (705, 706). Each emitter unit (705, 706) consists of one or more infrared light emitting diodes (206) and a separate microcontroller (201) which continuously generates a signal that is in a high logic state for predetermined fixed time extended for a random smaller time period after which occurs significantly longer period of the said signal in low logic state. The controller unit (701) instructs said microcontroller (201) when to switches the said diodes (206) on and burst the IR modulated signal. Emitter units (705, 706) are mounted to emit IR light pulses sideways relative to the vehicle's travel direction.

IPC 8 full level

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See references of WO 2022135710A1

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