

Title (en)
Hands-free illumination system controlled by the mouth

Title (de)
Freihändiges Beleuchtungssystem mit Mundsteuerung

Title (fr)
Système d'éclairage main libre commandé par la bouche

Publication
EP 0808082 B1 19980429 (FR)

Application
EP 97106958 A 19970426

Priority
FR 9606318 A 19960515

Abstract (en)
[origin: EP0808082A1] The system includes green and infrared light-emitting diodes (31) in a housing at the end of a flexible rod fixed to the microphone boom. The housing contains also a microswitch (35) operated by a lever (36-1) and clocking a bistable circuit which drives the switching transistors (41,42) via a three-position selector (39). The switching requires little effort (e.g. 10 to 60 grammes) from the lower lip or tongue for the clocking of the D flip-flop (40). The selector is housed in a separate package at the other end of the boom.

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H05B 37/02; **F21L 1/00**; **F21V 23/04**

IPC 8 full level
A42B 3/04 (2006.01); **F21K 99/00** (2010.01); **F21V 23/04** (2006.01); **H05B 37/02** (2006.01)

CPC (source: EP US)
A42B 3/044 (2013.01 - EP US); **F21V 23/04** (2013.01 - EP); **H05B 47/10** (2020.01 - EP US); **F21Y 2113/13** (2016.07 - EP);
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Cited by
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