

Title (en)

Static immunity for single touch flash charger control

Title (de)

Flashlader mit Taststeuerung und Immunität gegen statische Ladung

Title (fr)

Chargeur de flash à contrôle au toucher et à immunité aux charges statiques

Publication

**EP 0755174 A3 19981216 (EN)**

Application

**EP 96109905 A 19960620**

Priority

- US 151495 P 19950718
- US 334595 P 19950907
- US 57565895 A 19951221

Abstract (en)

[origin: EP0755174A2] An electronic flash device (22) includes an illumination element, an actuation circuit (18, 19) having a flash capacitor (30) providing energy releasable to illuminate the element, and a self-oscillating charging circuit (28), having a transistor, for charging the capacitor (30). The invention is characterized by a resistor (35) located between a base of the transistor (46) and ground for preventing the self-oscillating circuit (28) from charging the capacitor (30) when the flash device (22) is exposed to an external static electric charge. <IMAGE>

IPC 1-7

**H05B 41/32**

IPC 8 full level

**G03C 3/00** (2006.01); **G03B 15/05** (2006.01); **G03B 17/04** (2006.01); **H05B 41/32** (2006.01)

CPC (source: EP)

**H05B 41/32** (2013.01)

Citation (search report)

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- [A] EP 0443055 A1 19910828 - SIEMENS AG [DE]
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- [A] GB 2133644 A 19840725 - FUJI KOEKI CORP, et al
- [A] EP 0044368 A1 19820127 - METTLER JULES EUGENE JEAN
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 290 (P - 1549) 3 June 1993 (1993-06-03)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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