

Title (en)
SWITCHING APPARATUS

Publication
EP 0285427 A3 19890308 (EN)

Application
EP 88302911 A 19880331

Priority
IE 84887 A 19870402

Abstract (en)
[origin: EP0285427A2] Apparatus (7) for switching a filament lamp (2) in a load circuit (1) by short circuiting the load switch (3) of the load circuit (1) comprises a relay (RL1) with contacts (9) to short circuit the switch (3). The apparatus (7) switches on the load circuit (1) in response to an infra-red detector (8) detecting the presence of an intruder within the perimeter of a compound or building. A power circuit (16) comprising a rechargeable battery (B1) and storage capacitor (C3) powers the relay (RL1). The power circuit (16) derives its power from the load circuit (1) across the terminals of the switch (3), when the switch (3) is open and the relay contacts (9) are open. In this condition, a battery and storage capacitor in the power circuit (16) are charged.

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H05B 37/00; **H05B 39/04**

IPC 8 full level
H05B 37/02 (2006.01)

CPC (source: EP US)
H05B 47/105 (2020.01 - EP US); **H05B 47/11** (2020.01 - EP); **H05B 47/13** (2020.01 - EP US)

Citation (search report)
• [A] GB 2051440 A 19810114 - DUCKWORTH G H
• [A] GB 2052811 A 19810128 - BELL & HOWELL CO

Cited by
EP0563696A3; CN105636319A; GB2217933B; GB2264379A; GB2264379B; GB2396065A; GB2396065B; CN113825288A

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