

Title (en)
Switchable induction light

Title (de)
Umschaltbare Induktionsbeleuchtung

Title (fr)
Lumière à induction commutable

Publication
EP 2148554 A1 20100127 (EN)

Application
EP 08252490 A 20080722

Priority
EP 08252490 A 20080722

Abstract (en)
A light fitting is provided with a first connector piece arranged to support a light module (20) and provide power thereto, and an input connected to a power source and arranged to provide a power signal to an output comprising a primary coil (15). The primary coil (15) is also operable to transmit a switch signal (60) and the power signal is non-zero irrespective of the switch signal (60). A light module (20) is provided comprising a sealed light housing, a light source (160), a back-up battery (40), a controller (150) and a second connector piece having a secondary coil (25). The secondary coil (25) also receives the switch signal (60) and the controller (150) controls power delivery to the light source (160) in response to the switch signal (60) thereby to turn the light on and off. The light fitting and the light module (20) are arranged to present the primary coil and the secondary coil for inductive coupling therebetween.

IPC 8 full level
H05B 39/00 (2006.01); **H02J 9/02** (2006.01); **H02J 9/06** (2006.01)

CPC (source: EP)
H05B 39/00 (2013.01)

Citation (applicant)
EP 1885163 A1 20080206 - VERNONDIER DAVID RICHARD [GB], et al

Citation (search report)
• [DA] EP 1885163 A1 20080206 - VERNONDIER DAVID RICHARD [GB], et al
• [A] US 2005127842 A1 20050616 - KUO CHAO-TUNG [TW]

Cited by
CN110708827A; CN109690186A; US9468075B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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