

Title (en)

Sealingly closed fluorescent lamp apparatus for illumination or germicide purposes for installation in water and/or moist environments, and feed system therefor.

Title (de)

Dichtverschlossene Leuchtstofflampeenrichtung für Beleuchtungs- oder Keimvernichtungszwecke, welche in Wasser und/oder feuchten Umgebungen untergebracht sind, sowie Speisung für die Inbetriebnahme.

Title (fr)

Appareil de lampe fluorescente fermé hermétiquement, pour illumination ou pour but germicide, destiné à l'installation dans l'eau et/ou dans un environnement humide, et système d'alimentation à cet effet.

Publication

**EP 0240592 A1 19871014 (EN)**

Application

**EP 86107807 A 19860607**

Priority

IT 6724886 A 19860327

Abstract (en)

Fluorescent lamps (1) for illumination or germicide purposes are sealingly mounted in appropriate terminal members (3) of suitable plastic material such as PVC by means of the threaded ends (9, 11) of said terminal bodies (3) and appropriate fixing ring nuts (13) screwed on to said ends, appropriate O-rings (7) being provided between said ends (9, 11) and the lamp (1). Each of said terminal members (3) is provided with an appropriate recess (27, 29) adapted to contain, one of them (27), the electronic ignition or lighting circuit of the lamp (1) and the other (29) the elements for closing the feed circuit. Insulation of said electric and electronic parts is provided by complete immersion in polymerizable resin which will then completely fill said recesses (27, 29). The ignition and feed circuit is provided by diode voltage doublers (31, 33, 35, 37) arranged so as to provide a sufficient voltage for the ignition of the lamp (1) and subsequently stabilized current.

IPC 1-7

**H05B 41/16**

IPC 8 full level

**H01R 33/965** (2006.01); **H05B 41/04** (2006.01); **H01R 33/02** (2006.01); **H01R 33/08** (2006.01)

CPC (source: EP)

**H01R 33/9658** (2013.01); **H05B 41/042** (2013.01); **H01R 33/02** (2013.01); **H01R 33/08** (2013.01)

Citation (search report)

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- US 3974418 A 19760810 - FRIDRICH ELMER G
- DE 2309989 A1 19740905 - STANDARD ELEKTRIK LORENZ AG
- DD 92763 A
- DE 2321063 A1 19741114 - WALZ ALFRED

Cited by

US6836058B2; WO03012824A1; WO03015127A1

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