

Title (en)
LED supply and identification unit

Title (de)
LED Versorgungs- und Identifikationseinheit

Title (fr)
Module d'alimentation et d'identification de LED

Publication
EP 1379108 B1 20060927 (DE)

Application
EP 03014744 A 20030627

Priority
DE 10230154 A 20020704

Abstract (en)
[origin: EP1379108A1] The unit (1) indicates the identification of an LED devices (2) via an identification stage (7) and provides a corresponding operating power for the latter under control of a control stage (6), connected to a power output stage (5). The identification stage delivers an electrical parameter to the LED device and provides its identity from the characteristic impedance or resistance of an identification circuit (3), with a single pair of terminals (4a,4b) used for identification of the LED device and delivery of the operating power. Also included are Independent claims for the following: (a) a method for identification of an LED device; (b) a LED device for connection to a supply and identification unit; (c) a system with a supply and identification unit and an LED device

IPC 8 full level
H05B 37/02 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP US)
H05B 45/14 (2020.01 - EP US)

Cited by
DE102007009104B4; AT14906U1; CN104885564A; DE102012224141A1; AT15222U1; CN109649260A; EP2154933A1; AT14579U1; EP1848249A1; FR2900304A1; AT15120U1; DE102007049052B4; DE102008039530A1; DE102007049052A1; FR2976151A1; CN104255082A; DE102015213291A1; CN108633132A; US8803541B2; US7385495B2; US9544970B2; US8593081B2; EP2464198A1; FR2968887A1; CN102548131A; AT15725U1; WO2013159132A1; WO2013076069A1; WO2015077812A3; US7871187B2; US8419243B2; EP3323276B1; US9727070B2; US10292248B2; WO2010034509A3; WO2015077809A1; WO2015077811A1

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