

Title (en)

MULTI-SEQUENCED LEDS ON TWO OR MORE WIRES

Title (de)

MULTISEQUENZIERTER LEDS AUF ZWEI ODER MEHREREN DRÄHTEN

Title (fr)

LED MULTISÉQUENCÉES SUR DEUX FILS OU PLUS

Publication

EP 2974543 A1 20160120 (EN)

Application

EP 14723148 A 20140310

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- US 201361776704 P 20130311
- US 201361807294 P 20130401
- US 201361807719 P 20130402
- US 2014022388 W 20140310

Abstract (en)

[origin: WO2014164422A1] The present invention is generally directed to sequencing two or more LEDs on two or more wires; if more than two wires are used, any two pairs of wires can be used as a pair of wires. Each pair of wires can be used to sequence two or more LEDs, and a sequencer can control sequencing of LEDs on multiple wires connected in a group, or in multiple groups of multiple wires. For a given pair of wires, a first group of LEDs is wired opposite a second group of LEDs so that only one group will emit light at one time depending upon the flow of an alternating current. Two groups of LEDs can also be created by using two different semiconductor materials alternately wired to a single anode and cathode pair of a single LED physical package.

IPC 8 full level

H05B 33/08 (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP)

H05B 45/44 (2020.01)

Citation (search report)

See references of WO 2014164422A1

Citation (examination)

- US 2008203936 A1 20080828 - MARIYAMA MITSURU [JP], et al
- US 6069452 A 20000530 - ROESSNER HOLGER [SG]

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