

Title (en)  
FLUORESCENT LAMP OPERATION DEVICE

Title (de)  
FLUORESZENZLAMPEN-BETRIEBSEINRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE DE LAMPE FLUORESCENTE

Publication  
**EP 1951006 A4 20110302 (EN)**

Application  
**EP 06832450 A 20061109**

Priority  
• JP 2006322389 W 20061109  
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• JP 2006276501 A 20061010

Abstract (en)  
[origin: EP1951006A1] A fluorescent lamp lighting device includes: a polarity switching circuit (5) for performing polarity switching with a low frequency (f) not greater than 20 kHz on DC input; a plurality of fluorescent lamps (71, ..., 7n) connected to the output line of the polarity switching circuit (5); a uniform flow circuit (6) formed by constant current circuits (61, ..., 6n) connected to the other end of the fluorescent lamps (71, ..., 7n) and having a transistor for supplying identical current to the respective fluorescent lamps (71, ..., 7n). Since the fluorescent lamps are turned on with the low frequency (f) not greater than 20 kHz, they are hardly affected by stray capacitance, the fluorescent lamps (71, ..., 7n) can be arranged near a chassis (8) of a display device and it is possible to prolong wiring. ( FIG. 1 )

IPC 8 full level  
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CPC (source: EP)  
**H05B 41/245** (2013.01); **H05B 41/2827** (2013.01)

Citation (search report)  
• [Y] US 2004004450 A1 20040108 - HSU HUANG-CHANG [TW], et al  
• [Y] JP H0513182 A 19930122 - MATSUSHITA ELECTRIC IND CO LTD  
• [A] WO 2004072733 A2 20040826 - CEYX TECHNOLOGIES INC [US], et al  
• [A] US 2002097004 A1 20020725 - CHIANG YI-CHAO [TW], et al  
• [A] US 2005116662 A1 20050602 - SANCHEZ JORGE [US]  
• See references of WO 2007055289A1

Cited by  
DE102007054273B4; US7893628B2; US8188681B2

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