

Title (en)
Illumination dimmer system for fluorescent lamps

Title (de)
Beleuchtungsdimmersystem für Leuchtstofflampen

Title (fr)
Système gradateur de lumière pour lampes fluorescentes

Publication
EP 0669788 B1 20000503 (EN)

Application
EP 95101639 A 19950207

Priority
JP 4992994 A 19940224

Abstract (en)
[origin: EP0669788A1] An illuminated location is divided up into a plurality of illumination zones for each of which a design illuminance is decided upon taking into account such factors as the use of the zone. Each illumination zone is provided with a plurality of fluorescent lamps, one or more inverters to which the lamps are connected, a photometer for receiving light reflected from objects in the zone, a controller for changing the current values of the inverters, and a setting device. The design illuminance decided is input to the controller for each illumination zone by the setting device. At prescribed time intervals, the controller reads in a change in the output of the photometer and, in dependence upon the change, alters the output current values of all inverters of this illumination zone, whereby the brightness of the illumination zone is corrected so as to be held at the originally set design illuminance. <IMAGE>

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IPC 8 full level
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CPC (source: EP KR US)
H05B 41/38 (2013.01 - KR); **H05B 41/392** (2013.01 - EP); **H05B 41/3922** (2013.01 - EP US); **H05B 47/17** (2020.01 - EP US)

Cited by
US8288965B1; US7982404B2; US8247990B1; WO9709869A1; US9581303B2; US7956556B1; US8508152B1; US8575866B1; US7675251B2; US7176635B2; US7956551B1; US8098024B1; US8525439B1

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EP 95101639 A 19950207; CN 95100793 A 19950223; DE 69516565 T 19950207; JP 4992994 A 19940224; KR 19950002931 A 19950216; TW 84101408 A 19950216