

Title (en)
BRIGHTNESS CONTROL FOR A LIGHT SIGNAL SYSTEM

Title (de)
HELLIGKEITSREGELUNG EINER LICHTSIGNALANLAGE

Title (fr)
RÉGULATION DE LUMINOSITÉ D'UNE INSTALLATION DE SIGNAUX LUMINEUX

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Abstract (en)
[origin: WO2016131605A1] The invention relates to a circuit arrangement (41, 41a, 41b, 41c, 41d) for adjusting the brightness of signal transmitters (43a, 43b, 43c) of a light signal system (40). The circuit arrangement (41, 41a, 41b, 41c, 41d) has a voltage supply interface (15) and a voltage conversion unit (14) for generating a carrier signal (SIG) by converting an electrical voltage (V_{supp}) applied at the voltage supply interface (15) into an electrical voltage (V_{sig}) of a carrier signal (SIG). In addition, the circuit arrangement (41, 41a, 41b, 41c, 41d) has a control data receiving unit (46) for receiving a control signal, wherein the control signal (S) comprises information regarding a brightness to be adjusted of the light signal system (40). Furthermore, the circuit arrangement (41, 41a, 41b, 41c, 41d) has a modulation signal generating unit (44) for generating a modulation signal (MD) in accordance with the received control signal (S) and a modulator unit (45) for modulating the carrier signal (SIG) using the modulation signal (MD). The invention also relates to a light signal system (40). The invention further relates to a method (100) for adjusting the brightness of a light signal system (40).

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• US 2006056855 A1 20060316 - NAKAGAWA MASAO [JP], et al
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