

Title (en)  
LIGHTING SYSTEM

Title (de)  
BELEUCHTUNGSSYSTEM

Title (fr)  
SYSTÈME D'ÉCLAIRAGE

Publication  
**EP 3327343 A2 20180530 (EN)**

Application  
**EP 17198502 A 20171026**

Priority  
IT 201600108854 A 20161027

Abstract (en)  
The object of the present description is a lighting system (1), comprising: an electrified track (2) comprising a bar with U-profile defining a cavity (3) in which a plurality of electrical conductors (2a) are housed connectable to a power supply network (4) for receiving an alternating current; a power supply (5) comprising first electrical input terminals (5a) connectable to the electrical conductors (2a) for receiving the input alternating current, and first electrical output terminals (5b) for supplying a constant output supply voltage, first constraining means (5c) configured for mechanically constraining the power supply (5) to the electrified track (2); at least one optical device (6) having a light source (7) and at least partially housed inside the cavity (3). A characteristic of the system is that the optical device (6) comprises second constraining means (6c) configured for mechanically constraining the optical device (6) to the electrified track (2) and second electrical input terminals (6a) electrically and mechanically connected to the first electrical output terminals (5b) for receiving the constant input supply voltage for electrically supplying the at least one light source (7); said at least one optical device (6) comprises second electrical output terminals (6b) electrically and mechanically connectable to said second electrical input terminals (6a) of a further and distinct optical device (6) for transmitting said constant supply voltage to said distinct optical device (6).

IPC 8 full level  
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