

Title (en)
ILLUMINATION SYSTEM

Title (de)
BELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE

Publication
EP 2880361 A1 20150610 (DE)

Application
EP 13750264 A 20130802

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Abstract (en)
[origin: WO2014019703A1] The invention relates to an illumination system for illuminating a surface section of a façade, wall, ceiling, floor surface and the like, having at least one row of spotlights (6), each provided with a point-shaped light source (7), preferably an LED, and which are arranged side by side spaced apart from the surface section (2, 3) to be illuminated. According to the invention, each of the spotlights (6) is provided with a reflector (8) of approximately half-shell shape, which essentially completely captures the light of the dedicated light source (7), redirecting the light onto the, in particular approximately rectangular, surface section. Each reflector (8) is comprised of at least two shell halves (8a, 8b), each shell half (8a, 8b) distributing the respective captured light over the entire surface section illuminated by the reflector (8). Each of the shell halves (8a, 8b) of a reflector (8) is configured to function in a doubly convergent manner.

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