

Title (en)
Intelligent LED

Title (de)
Intelligente LED

Title (fr)
DEL intelligente

Publication
EP 2541362 A3 20140618 (DE)

Application
EP 12168576 A 20120518

Priority
DE 202011102479 U 20110627

Abstract (en)
[origin: CA2781515A1] The invention relates to a light for illuminating a useable area, in particular a merchandise display area (W), comprising an adaptive illumination unit (1) which has a number of coloured light-emitting diodes which emit light in the basic colours of a colour system, a sensor system (2) directed towards the useable area (W) which detects a light spectrum reflected by the useable area (W) and/or objects lying on the useable area, and a control unit (3) which is coupled to the sensor system (2) and is designed to determine at least one dominant colour from the reflected light spectrum detected by the sensor system (2), and to actuate the light-emitting diodes to emphasise the at least one dominant colour such that they emit a light spectrum of a pre-specified colour temperature and/or intensity, in which the portion of the at least one dominant colour is increased.

IPC 8 full level
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CPC (source: EP US)
G09F 19/205 (2013.01 - EP US); **H05B 45/20** (2020.01 - EP US); **A47F 11/10** (2013.01 - EP US)

Citation (search report)
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DOCDB simple family (publication)
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