

Title (en)  
LIGHTING APPARATUS AND SYSTEM

Title (de)  
BELEUCHTUNGSVORRICHTUNG UND -SYSTEM

Title (fr)  
APPAREIL ET SYSTÈME D'ÉCLAIRAGE

Publication  
**EP 3580998 B1 20230510 (EN)**

Application  
**EP 18704292 A 20180205**

Priority  
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Abstract (en)  
[origin: WO2018150158A1] A lighting apparatus comprising a plurality of lighting units. Each lighting unit comprises: a light source, a paired IR transmitter and IR receiver. The IR transmitter is configured to emit an IR signal and the IR receiver is configured to receive the IR signal reflected from a surface. The IR signal is different for each of the plurality of lighting units. The apparatus also comprising a processor, the processor being configured for each of the plurality of lighting units to output one or more control signals to control the light source in response to the IR receiver receiving the reflected IR signal.

IPC 8 full level  
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CPC (source: EP)  
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Citation (examination)  
• US 2010103649 A1 20100429 - HAMADA TETSUYA [JP]  
• WO 2011033433 A1 20110324 - KONINKL PHILIPS ELECTRONICS NV [NL], et al  
• EP 2312198 A1 20110420 - SHARP KK [JP]  
• US 2004240229 A1 20041202 - BLUMEL SIMON [DE], et al  
• US 2016234892 A1 20160811 - NIEBERT PETER [FR], et al  
• WO 2014147524 A1 20140925 - KONINKL PHILIPS NV [NL]

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