

Title (en)  
PERGOLA WITH INTEGRATED ELECTRICAL INSTALLATION FOR LIGHTING

Title (de)  
PERGOLA MIT INTEGRIERTER ELEKTRISCHER INSTALLATION ZUR BELEUCHTUNG

Title (fr)  
PERGOLA À INSTALLATION ÉLECTRIQUE INTÉGRÉE POUR ÉCLAIRAGE

Publication  
**EP 3412845 A4 20190731 (EN)**

Application  
**EP 16872470 A 20161209**

Priority  
• ES 201531783 A 20151209  
• ES 2016070871 W 20161209

Abstract (en)  
[origin: EP3412845A1] Pergola with integrated electrical installation for lighting, comprising an awning (2) supported on crossbars (3) with sliding elements (4) which run along perpendicular guides (5) and, at least, one lighting lamp (6) in some of the bars which is powered from an electrical installation that runs fully built into the structure of the pergola (1) itself. The guides (5) are constituted by connector wires (51) and the sliding elements (4) by rolling bolts (41) that, combining metal connection and insulation parts, connect the connection terminals of the wiring (61) of the lamp (6) of the crossbar in which they are incorporated with said connector wire (51) powered electrically. The connector wires (51) are inserted in longitudinal supports (7) and electrically powered, in each longitudinal support (7), alternating positive and negative charge.

IPC 8 full level  
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CPC (source: EP ES)  
**E04F 10/02** (2013.01 - EP); **E04H 15/10** (2013.01 - EP ES); **F21V 33/006** (2013.01 - ES)

Citation (search report)  
• [A] WO 2013121448 A1 20130822 - CORRADI S P A [IT], et al  
• [A] JP 2014169564 A 20140918 - TAKANO CO LTD  
• See references of WO 2017098075A1

Cited by  
IT201900007356A1; WO2020240605A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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