

Title (en)  
INTERCHANGEABLE ADAPTER FOR CHANGING LED LIGHT BULBS

Title (de)  
AUSTAUSCHBARER ADAPTER ZUM WECHSELN VON LED-GLÜHBIRNEN

Title (fr)  
ADAPTATEUR INTERCHANGEABLE POUR CHANGER DES AMPOULES À DEL

Publication  
**EP 3420576 A4 20190925 (EN)**

Application  
**EP 17757027 A 20170217**

Priority  

- US 201615050021 A 20160222
- US 201615130618 A 20160415
- US 201615179517 A 20160610
- US 2017018293 W 20170217

Abstract (en)  
[origin: WO2017147002A1] An interchangeable adapter for changing a light bulb that includes a head piece that has a base plate with opposite first and second sides and that defines a platform at the first side. A gripping member extends from the platform of the first side of the base plate away from the second side. The gripping member is positioned substantially centrally with respect to the platform to engage the light bulb. At least one release member links the base plate and the gripping member wherein movement of the base plate actuates the release member. An engagement member extends from the second side of the base plate away from the first side for engaging a holder of the adapter.

IPC 8 full level  
**H01K 3/32** (2006.01); **F21V 19/04** (2006.01)

CPC (source: EP)  
**F21K 9/23** (2016.07); **F21V 19/04** (2013.01); **H01J 9/003** (2013.01); **H01K 3/32** (2013.01)

Citation (search report)  

- [X] US 5148723 A 19920922 - NEWMAN SR ROBERT D [US], et al
- [X] WO 2005112076 A2 20051124 - GALLOWAY DOUGLAS [GB], et al
- [A] US 2008302215 A1 20081211 - JOHNSON RONALD L [US], et al
- See references of WO 2017147002A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017147002 A1 20170831**; CA 3016711 A1 20170831; CN 108885966 A 20181123; CN 108885966 B 20200807; EP 3420576 A1 20190102; EP 3420576 A4 20190925

DOCDB simple family (application)  
**US 2017018293 W 20170217**; CA 3016711 A 20170217; CN 201780019470 A 20170217; EP 17757027 A 20170217