

Title (en)  
ELECTRODE AND ELECTRODE STRUCTURAL BODY

Title (de)  
ELEKTRODE UND ELEKTRODENSTRUKTURKÖRPER

Title (fr)  
ÉLECTRODE ET CORPS STRUCTURAL D'ÉLECTRODE

Publication  
**EP 3046398 A1 20160720 (EN)**

Application  
**EP 16151348 A 20160114**

Priority  
JP 2015005892 A 20150115

Abstract (en)  
The electrode (10) includes an insulator (14) having a hollow portion (12) (first hollow portion (12a) and second hollow portion (12b)) and a conductor (16) provided in the hollow portion (12) of the insulator (14). An edge portion (18) of one end surface (16a) of at least the conductor (16) is covered with the insulator (14).

IPC 8 full level  
**H05H 1/24** (2006.01)

CPC (source: EP US)  
**C25B 11/02** (2013.01 - EP US); **H05H 1/2406** (2013.01 - EP US); **H05H 1/2418** (2021.05 - EP); **H05H 1/2431** (2021.05 - EP);  
**H05H 1/2418** (2021.05 - US); **H05H 1/2431** (2021.05 - US)

Citation (applicant)  
JP H08185955 A 19960716 - KISHIOKA TAKASHI, et al

Citation (search report)  
• [X] WO 2009048242 A2 20090416 - CHO MOON-KI [KR], et al  
• [X] DE 102010011132 A1 20110915 - REINHAUSEN PLASMA GMBH [DE]  
• [X] DE 102009002278 A1 20101014 - BOSCH GMBH ROBERT [DE]  
• [X] WO 2010138105 A1 20101202 - UNIV COLORADO STATE RES FOUND [US], et al  
• [X] WO 2011099247 A1 20110818 - NAT UNIV CORP EHIME UNIV [JP], et al

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3046398 A1 20160720**; JP 2016132576 A 20160725; US 2016208397 A1 20160721

DOCDB simple family (application)  
**EP 16151348 A 20160114**; JP 2015005892 A 20150115; US 201614993423 A 20160112