

Title (en)  
ELECTROLYTIC DEVICE

Title (de)  
ELEKTROLYSEVORRICHTUNG

Title (fr)  
DISPOSITIF ÉLECTROLYTIQUE

Publication  
**EP 2476783 A4 20121031 (EN)**

Application  
**EP 10813517 A 20100902**

Priority  
• JP 2009205491 A 20090907  
• JP 2010005419 W 20100902

Abstract (en)  
[origin: EP2476783A1] An electrolytic apparatus includes an electrolyzer, a heater, and a blower. The electrolyzer accommodates an electrolytic bath. The heater is provided in the electrolyzer while being electrically insulated from the electrolyzer. Similarly, the blower is provided in the electrolyzer while being electrically insulated from the electrolyzer. The heater is turned on so that a temperature of the electrolyzer rises. The heater is turned off and the blower is turned on so that a temperature of the electrolyzer falls. The heater and the blower are switched between ON and OFF so that the temperature of the electrolyzer is kept constant.

IPC 8 full level  
**C25B 15/02** (2006.01); **C25B 1/24** (2006.01); **C25B 9/00** (2006.01)

CPC (source: EP KR US)  
**C25B 1/24** (2013.01 - KR); **C25B 9/00** (2013.01 - KR); **C25B 15/02** (2013.01 - EP US); **C25B 15/021** (2021.01 - KR);  
**C23F 2213/30** (2013.01 - EP KR US)

Citation (search report)  
• [XY] US 2841544 A 19580701 - RADIMER KENNETH J  
• [XY] EP 0210961 A1 19870204 - GINATTA MARCO ELETTRICITÀ [IT]  
• [X] GB 812817 A 19590429 - SOLAR AIRCRAFT CO  
• [Y] EP 1457586 A1 20040915 - TOYO TANSO CO [JP]  
• [Y] US 3645879 A 19720229 - BONILLA CHARLES F  
• [YD] JP 2004244724 A 20040902 - TOYO TANSO CO  
• [Y] JP 2005048290 A 20050224 - TOYO TANSO CO  
• See references of WO 2011027566A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2476783 A1 20120718; EP 2476783 A4 20121031**; CN 102482790 A 20120530; JP 2011058015 A 20110324; KR 20120083311 A 20120725;  
US 2012160667 A1 20120628; WO 2011027566 A1 20110310

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