

Title (en)

ELECTROLYSIS CELL FOR HYDROGEN CHLORIDE ELECTROLYSIS

Title (de)

ELEKTROLYSEZELLE ZUR CHLORWASSERSTOFFELEKTROLYSE

Title (fr)

CELLULE D'ÉLECTROLYSE POUR L'ÉLECTROLYSE DE CHLORURE D'HYDROGÈNE

Publication

**EP 2260124 A1 20101215 (DE)**

Application

**EP 09724561 A 20090325**

Priority

- EP 2009002163 W 20090325
- DE 102008015901 A 20080327

Abstract (en)

[origin: US2011005938A1] Apparatus for hydrogen chloride electrolysis, comprising a cathode that has a layer of nitrogen-doped carbon nanotubes having functional groups containing nitrogen.

IPC 8 full level

**C25B 1/26** (2006.01); **C25B 9/19** (2021.01)

CPC (source: EP KR US)

**C25B 1/26** (2013.01 - EP KR US); **C25B 9/19** (2021.01 - KR); **C25B 11/065** (2021.01 - KR); **C25B 11/091** (2021.01 - EP KR US); **C25B 15/02** (2013.01 - KR); **C25B 15/08** (2013.01 - KR)

Citation (search report)

See references of WO 2009118162A1

Cited by

WO2020216648A1

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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 TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**US 2011005938 A1 20110113**; **US 8778148 B2 20140715**; CN 101981232 A 20110223; CN 101981232 B 20130313; DE 102008015901 A1 20091001; EP 2260124 A1 20101215; EP 2260124 B1 20170712; IL 207813 A0 20101230; JP 2011515585 A 20110519; JP 5438092 B2 20140312; KR 20110009091 A 20110127; TW 201000678 A 20100101; WO 2009118162 A1 20091001; WO 2009118162 A8 20101007

DOCDB simple family (application)

**US 92020209 A 20090325**; CN 200980111057 A 20090325; DE 102008015901 A 20080327; EP 09724561 A 20090325; EP 2009002163 W 20090325; IL 20781310 A 20100826; JP 2011501138 A 20090325; KR 20107021251 A 20090325; TW 98109820 A 20090326