

Title (en)
METHOD FOR THE PRODUCTION OF MEMBRANE/ELECTRODE UNITS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MEMBRAN-ELEKTRODEN-EINHEITEN

Title (fr)
PROCEDE DE PRODUCTION D'UNITES MEMBRANE-ELECTRODES

Publication
EP 1771904 A1 20070411 (DE)

Application
EP 05773327 A 20050714

Priority
• EP 2005007689 W 20050714
• DE 102004034139 A 20040715

Abstract (en)
[origin: WO2006008075A1] The invention relates to a method for production of a membrane/electrode unit, whereby a conducting polymer membrane is compressed with two electrodes until a given compression is achieved. Said method permits an increase in the resting voltage of the membrane/electrode unit in use, the amount of damage during production is reduced and a constant thickness within a production run is achieved.

IPC 8 full level
H01M 8/00 (2006.01); **H01M 8/10** (2006.01)

CPC (source: EP KR US)
C08J 5/2256 (2013.01 - EP US); **H01M 8/00** (2013.01 - KR); **H01M 8/10** (2013.01 - KR); **H01M 8/1004** (2013.01 - EP US); **H01M 8/1027** (2013.01 - EP US); **H01M 8/103** (2013.01 - EP US); **H01M 8/1032** (2013.01 - EP US); **H01M 8/1048** (2013.01 - EP US); **H01M 8/1093** (2013.01 - EP US); **C08J 2379/06** (2013.01 - EP US); **H01M 2300/0082** (2013.01 - EP US); **H01M 2300/0091** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP US); **Y10T 29/49002** (2015.01 - EP US); **Y10T 29/49108** (2015.01 - EP US); **Y10T 29/4911** (2015.01 - EP US); **Y10T 29/49128** (2015.01 - EP US); **Y10T 29/53135** (2015.01 - EP US)

Citation (search report)
See references of WO 2006008075A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102004034139 A1 20060202; CN 101019258 A 20070815; CN 102136580 A 20110727; EP 1771904 A1 20070411; JP 2008507082 A 20080306; KR 101172335 B1 20120814; KR 20070083491 A 20070824; US 2008038613 A1 20080214; US 2011265669 A1 20111103; US 8066784 B2 20111129; US 8177863 B2 20120515; WO 2006008075 A1 20060126

DOCDB simple family (application)
DE 102004034139 A 20040715; CN 200580030958 A 20050714; CN 201110040302 A 20050714; EP 05773327 A 20050714; EP 2005007689 W 20050714; JP 2007520767 A 20050714; KR 20077003740 A 20050714; US 201113166847 A 20110623; US 57204005 D 20050714