

Title (en)

CATALYSTS FOR THE PRODUCTION OF HYDROGEN BY THE ELECTROLYSIS OF WATER, ELECTROLYSERS IN WHICH THEY ARE USED, AND PROCESSES FOR THE PRODUCTION OF HYDROGEN BY THE ELECTROLYSIS OF WATER

Title (de)

KATALYSATOREN FÜR DIE ERZEUGUNG VON WASSERSTOFF DURCH ELEKTROLYSE VON WASSER, ELEKTROLYSEURE, IN DENEN SIE VERWENDET WERDEN, UND VERFAHREN ZUR ERZEUGUNG VON WASSERSTOFF DURCH ELEKTROLYSE VON WASSER

Title (fr)

CATALYSEURS CONÇUS POUR PRODUIRE DE L'HYDROGÈNE PAR ÉLECTROLYSE D'EAU, ÉLECTROLYSEURS DANS LESQUELS ILS SONT UTILISÉS ET PROCÉDÉS POUR PRODUIRE DE L'HYDROGÈNE PAR ÉLECTROLYSE D'EAU

Publication

EP 1984539 A2 20081029 (EN)

Application

EP 07703946 A 20070117

Priority

- EP 2007050449 W 20070117
- IT FI20060018 A 20060118

Abstract (en)

[origin: WO2007082898A2] Metal catalysts are described which preferably contain manganese, molybdenum, iron, cobalt, nickel, palladium, iridium and their mixtures used for the production of hydrogen by the electrolysis of water in electrolytic apparatus containing solid polymeric anionic exchange membranes.

IPC 8 full level

C25B 11/04 (2006.01); **B01J 35/00** (2006.01)

CPC (source: EP)

C25B 1/04 (2013.01); **C25B 11/091** (2021.01); **C25B 11/097** (2021.01); **H01M 4/9008** (2013.01); **H01M 4/9016** (2013.01); **H01M 4/92** (2013.01); **H01M 8/083** (2013.01); **Y02E 60/36** (2013.01); **Y02E 60/50** (2013.01)

Citation (search report)

See references of WO 2007082898A2

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)

WO 2007082898 A2 20070726; **WO 2007082898 A3 20070920**; EP 1984539 A2 20081029; IT FI20060018 A1 20070719

DOCDB simple family (application)

EP 2007050449 W 20070117; EP 07703946 A 20070117; IT FI20060018 A 20060118