

Title (en)
METHOD FOR ELECTROCHEMICAL REACTION AND ELECTROCHEMICAL REACTOR WITH MICROCHANNELS AND METHOD FOR MAKING SAME

Title (de)
VERFAHREN ZUR ELEKTROCHEMISCHEN REAKTION UND ELEKTROCHEMISCHER REAKTOR MIT MIKROKANÄLEN UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
PROCÉDÉ DE RÉACTION ÉLECTROCHIMIQUE ET RÉACTEUR ÉLECTROCHIMIQUE À MICROCANAUX ET SON PROCÉDÉ DE FABRICATION

Publication
EP 1812623 A2 20070801 (FR)

Application
EP 05817345 A 20051109

Priority
• FR 2005002794 W 20051109
• FR 0412305 A 20041119
• US 63187704 P 20041201

Abstract (en)
[origin: US2006108215A1] The invention relates to an electrochemical method and reactor in which at least one electrochemical reaction compartment (5, 6) comprises a plurality of microchannels whose grooves have a cross section of at least partially curved contour with a radius of curvature greater than 30 μm and an area of between $2500 \mu\text{m}^2$ and $20000 \mu\text{m}^2$. Application to the synthesis of diastereoisomers by continuous regeneration of NADH or NADPH.

IPC 8 full level
C25B 9/19 (2021.01); **B01J 19/00** (2006.01)

CPC (source: EP US)
B01J 19/0093 (2013.01 - EP US); **C12P 7/56** (2013.01 - EP US); **C25B 9/19** (2021.01 - EP US); **B01J 2219/00783** (2013.01 - EP US);
B01J 2219/00853 (2013.01 - EP US); **B01J 2219/0086** (2013.01 - EP US); **B01J 2219/00907** (2013.01 - EP US)

Citation (search report)
See references of WO 2006053962A2

Cited by
CN107750284A

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2006108215 A1 20060525; US 7662270 B2 20100216; EP 1812623 A2 20070801; WO 2006053962 A2 20060526;
WO 2006053962 A3 20070412; WO 2006053962 A8 20060720

DOCDB simple family (application)
US 28143405 A 20051118; EP 05817345 A 20051109; FR 2005002794 W 20051109