

Title (en)

CONTROL OF A FLUID FLOW IN AN ELECTROCHEMICAL CELL

Title (de)

STEUERUNG EINES FLUIDSTROMES IN EINER ELEKTROCHEMISCHEN ZELLE

Title (fr)

REGULATION D'UN COURANT DE FLUIDE DANS UNE PILE ELECTROCHIMIQUE

Publication

EP 1529321 A1 20050511 (DE)

Application

EP 03794778 A 20030804

Priority

- DE 0302603 W 20030804
- DE 10236998 A 20020813

Abstract (en)

[origin: DE10236998A1] An electrochemical cell having a channel structure for necessary fluid flow comprises an element (4) for changing the flow cross section in at least one channel (2) for the automatic control of fluid flow (5). Preferably the element is a bimetallic strip.

IPC 1-7

H01M 8/04

IPC 8 full level

C25B 9/00 (2006.01); **C25B 15/08** (2006.01); **H01M 8/02** (2006.01); **H01M 8/04** (2006.01)

CPC (source: EP US)

C25B 9/00 (2013.01 - EP US); **C25B 15/08** (2013.01 - EP US); **H01M 8/0202** (2013.01 - EP US); **H01M 8/0258** (2013.01 - EP); **H01M 8/0265** (2013.01 - EP US); **H01M 8/0267** (2013.01 - EP); **H01M 8/0438** (2013.01 - EP US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)

See references of WO 2004025763A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 10236998 A1 20040304; **DE 10236998 B4 20080131**; AU 2003297586 A1 20040430; CA 2494196 A1 20040325; EP 1529321 A1 20050511; JP 2005536033 A 20051124; JP 4780579 B2 20110928; US 2011097648 A1 20110428; WO 2004025763 A1 20040325

DOCDB simple family (application)

DE 10236998 A 20020813; AU 2003297586 A 20030804; CA 2494196 A 20030804; DE 0302603 W 20030804; EP 03794778 A 20030804; JP 2004534965 A 20030804; US 52422403 A 20030804