

Title (en)

METHOD FOR OPERATING AN ELECTROLYSER

Title (de)

VERFAHREN ZUM BETREIBEN EINES ELEKTROLYSEURS

Title (fr)

PROCEDE POUR EXPLOITER UN ELECTROLYSEUR

Publication

EP 1337691 A2 20030827 (DE)

Application

EP 01998672 A 20011127

Priority

- DE 0104496 W 20011127
- DE 10059432 A 20001130

Abstract (en)

[origin: WO0244442A2] The invention relates to a method for operating an electrolyser, said method comprising the accurate measurement of fill levels. The method is characterised by the following steps: fill level sensors are cleaned using operating fluid; adherent particles are dissolved from the fill level sensor; the fill level is measured. The solubility of the particles in the operating fluid allows them to be dissolved from the fill level sensor and a correct fill level to be measured. If the fill levels are too low, operating fluid can be added in good time, or the electrolyser can be subjected to an emergency shutdown. This increases the operating safety of the electrolyser. The fill level sensors can be cleaned with the operating fluid during the operation of the electrolyser. The invention also relates to a fill level sensor comprising means for cleaning the fill level sensor using operating fluid, e.g. a nozzle directed at the fill level sensor that is located at the end of an operating-fluid supply line.

IPC 1-7

C25B 15/00

IPC 8 full level

C25B 15/00 (2006.01)

CPC (source: EP)

C25B 15/00 (2013.01)

Citation (search report)

See references of WO 0244442A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0244442 A2 20020606; WO 0244442 A3 20030103; DE 10059432 A1 20020620; EP 1337691 A2 20030827

DOCDB simple family (application)

DE 0104496 W 20011127; DE 10059432 A 20001130; EP 01998672 A 20011127