

Title (en)

METHOD AND DEVICE FOR ENERGY SAVING SIMULTANEOUS ELECTROLYTIC TREATMENT OF SEVERAL WORKPIECES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ENERGIESPARENDEN GLEICHZEITIGEN ELEKTROLYTISCHEN BEHANDELN VON MEHREREN WERKSTÜCKEN

Title (fr)

PROCEDE ET DISPOSITIF POUR LE TRAITEMENT ELECTROLYTIQUE SIMULTANE DE PLUSIEURS PIECES AVEC ECONOMIE D'ENERGIE

Publication

EP 1015671 A2 20000705 (DE)

Application

EP 98951217 A 19980819

Priority

- DE 9802501 W 19980819
- DE 19736351 A 19970821

Abstract (en)

[origin: DE19736351C1] The energy relates to a device and a method for energy saving simultaneous electrolytic treatment of several workpieces connected in the form of electrodes, each having the same electrolysis current. The inventive device comprises at least two electrolytic partial cells in a tank and at least one power source supplying the partial cells with an electrolysis current. The partial cells also have support fixtures that are used for electrical contacting with workpieces attached thereto, in addition to at least one respective counter electrode. The workpieces are connected as cathodes and the counter electrodes are connected as anodes during electroplating of said workpieces. During etching and deplating, said workpieces are connected as anodes and the counter electrodes are connected as cathodes.

IPC 1-7

C25D 17/08; **C25D 21/12**

IPC 8 full level

C25D 17/08 (2006.01); **C25D 21/00** (2006.01); **C25D 21/12** (2006.01)

CPC (source: EP)

C25D 17/08 (2013.01); **C25D 21/12** (2013.01)

Citation (search report)

See references of WO 9910563A2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

DE 19736351 C1 19981001; EP 1015671 A2 20000705; JP 2001514329 A 20010911; WO 9910563 A2 19990304; WO 9910563 A3 19990819

DOCDB simple family (application)

DE 19736351 A 19970821; DE 9802501 W 19980819; EP 98951217 A 19980819; JP 2000507865 A 19980819