

Title (en)

PROCESS FOR PRODUCTION OF A SCREEN BY ELECTROLYSIS

Title (de)

VERFAHREN ZUR ELEKTROLYTISCHEN HERSTELLUNG EINES SIEBES

Title (fr)

PROCEDE POUR PRODUIRE UN TAMIS PAR ELECTROLYSE

Publication

EP 0907766 B1 20010530 (DE)

Application

EP 97928202 A 19970613

Priority

- DE 19623724 A 19960614
- EP 9703103 W 19970613

Abstract (en)

[origin: WO9747788A1] The invention relates to a process for production of a screen by electrolysis. During said process, metal from an electrolyte is deposited on electrically conductive deposit surfaces (2) of a matrix (1) in the electrolyte in such a manner that a screen with screen members (5, 6, 7) and screen openings (8, 9) is formed. The invention firstly proposes to increase the viscosity of the electrolyte to at least 50 mPas; secondly to add a protective agent (11) modified by ions to the electrolyte, said protective agent (11) being removed during deposition from each outer side (12) of the screen members (5, 6, 7) which form; thirdly to eliminate the second procedural step; and fourthly to introduce an electrically insulating protective substance (13) into the screen openings (8, 9) which form when the matrix (1) is in the electrolyte, and so that the protective substance (13) does not deposit on the outer sides (12) of the screen members (5, 6, 7) which form.

IPC 1-7

C25D 1/08; **C25D 5/22**

IPC 8 full level

C25D 1/08 (2006.01); **C25D 5/22** (2006.01)

CPC (source: EP)

C25D 1/08 (2013.01)

Designated contracting state (EPC)

AT CH DE FR LI NL

DOCDB simple family (publication)

WO 9747788 A1 19971218; AT E201725 T1 20010615; AU 3258797 A 19980107; DE 19623724 C1 19971218; DE 59703680 D1 20010705; EP 0907766 A1 19990414; EP 0907766 B1 20010530

DOCDB simple family (application)

EP 9703103 W 19970613; AT 97928202 T 19970613; AU 3258797 A 19970613; DE 19623724 A 19960614; DE 59703680 T 19970613; EP 97928202 A 19970613