Title (en)
   STRIP TREATING APPARATUS

Title (de)
   BANDBEHANDLUNGSVORRICHTUNG

Title (fr)
   APPAREIL POUR LE TRAITEMENT D'UNE BANDE

Publication
   EP 0765953 B1 20021002 (EN)

Application
   EP 95918766 A 19950522

Priority
   • JP 13497094 A 19940524
   • JP 15660394 A 19940614
   • JP 5332595 A 19950217
   • JP 9500982 W 19950522

Abstract (en)
   [origin: EP1029951A2] The present invention relates to an apparatus for treating a strip such as a steel strip. The first object is to provide an electrode opening and closing mechanism having a simple construction. The second object is to uniform the flow of a solution around the electrode. The third object is to prevent causing irregularities in the treatment, caused by the variation of surface level of the solution between the electrodes.To attain the first object, one of the mutually facing electrodes is stationarily secured, and there is provided an opening and closing mechanism for moving the other electrode.To attain the second object, stabilizing members for solution flow are provided on the electrodes, a fluid-storing room is formed between the stabilizing member for solution flow and the electrode, and a slit-shaped hole for uniformly flowing the solution between the electrodes from the fluid-storing room, is formed at right angles to the travelling direction of the strip.To attain the third object, a bus bar has at its portion for suspending the electrode a bent-shaped portion so that the electrode is always immersed into the treating solution.

IPC 1-7
   C25D 7/06; C25F 7/00

IPC 8 full level
   C25D 7/06 (2006.01); **C25F 7/00** (2006.01)

CPC (source: EP KR)
   C25D 7/06 (2013.01 - KR); **C25D 7/0614** (2013.01 - EP); **C25F 7/00** (2013.01 - EP)

Cited by
   EP1772536A1; WO03029531A3

Designated contracting state (EPC)
   BE DE ES FR GB IT NL

DOCDB simple family (publication)
   EP 1029951 A2 20000823; **EP 1029951 A3 20001206**; **EP 1029951 B1 20040107**; AU 2455795 A 19951218; AU 697938 B2 19981022; CA 2191225 A1 19951130; CA 2191225 C 20031104; CN 1122121 C 20030924; CN 1148873 A 19970430; CN 1276132 C 20060920; CN 1515704 A 20040728; DE 69528458 D1 20021107; DE 69528458 T2 20030605; DE 69532421 D1 20040212; DE 69532421 T2 20041111; DE 69532422 D1 20040212; DE 69532422 T2 20041202; EP 0765953 A1 19970402; EP 0765953 A4 19970423; EP 0765953 B1 20021002; EP 1029950 A2 20000823; EP 1029950 A3 20001206; EP 1029950 B1 20040107; ES 2210968 T3 20040701; ES 2214810 T3 20040916; KR 100297274 B1 20010807; KR 970702940 A 19970610; WO 9532322 A1 19951130

DOCDB simple family (application)
   EP 99202743 A 19950522; AU 2455795 A 19950522; CA 2191225 A 19950522; CN 03122075 A 19950522; CN 95193196 A 19950522; DE 69528458 T 19950522; DE 69532421 T 19950522; DE 69532422 T 19950522; EP 95918766 A 19950522; EP 99202742 A 19950522; ES 99202742 T 19950522; ES 99202743 T 19950522; JP 9500982 W 19950522; KR 19960706130 A 19961030