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(71) Applicant: **TOYO KOHAN Co., Ltd**
Tokyo 100 (JP)

(72) Inventors:
- **Fuji, Tadashi,**
  c/o Toyo Kohan Co., Ltd.
  Kudamatsu-shi, Yamaguchi-ken 744 (JP)
- **Sugioka, Eiichiro,**
  c/o Toyo Kohan Co., Ltd.
  Kudamatsu-shi, Yamaguchi-ken 744 (JP)

(74) Representative:
Jeffrey, Philip Michael
Frank B. Dehn & Co.
179 Queen Victoria Street
London EC4V 4EL (GB)

(54) Strip treating apparatus

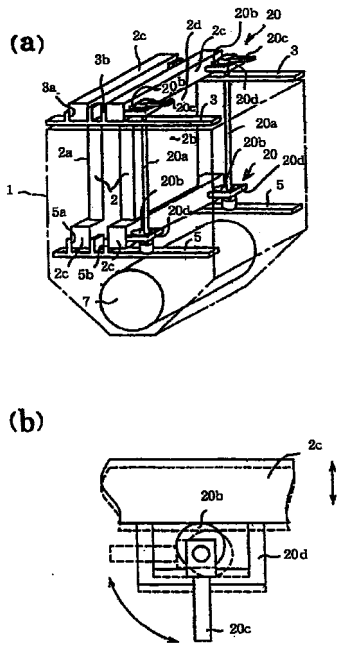
(57) The present invention relates to an apparatus for treating a strip such as a steel strip. The first object is to provide an electrode opening and closing mechanism having a simple construction. The second object is to uniform the flow of a solution around the electrode. The third object is to prevent 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.

Fig. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 99 20 2743

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 652 346 A (POLAN NED W ET AL) 24 March 1987 (1987-03-24) * figure 1 * * column 4, line 41 - line 59 * * column 6, line 33 - line 35 *	1	C25D7/06 C25F7/00

TECHNICAL FIELDS SEARCHED (Int.Cl.7)

C25D
C25F

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	16 October 2000	Zech, N

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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A : technological background
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 99 20 2743

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4652346 A	24-03-1987	NONE	

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