Title (en)

DEVICE AND METHOD FOR ELECTROCHEMICALLY TREATING A BAND-SHAPED PRODUCT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ELEKTROCHEMISCHEN BEHANDELN VON BANDFÖRMIGEM GUT

Title (fr)

DISPOSITIF ET PROCEDE POUR LE TRAITEMENT ELECTROCHIMIQUE D'UN PRODUIT EN FORME DE BANDE

Publication

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Application

EP 01991703 A 20011228

Priority

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Abstract (en)

[origin: WO02053807A1] The invention relates to the electrochemical treatment of a band-shaped product on continuous conveyor belts. Said method is particularly advantageous as it is capable of treating electrically conductive and mutually insulated structures on electrically non-conductive substrates. Electric contacting of the surfaces which are to be treated occurs by means of contacts (4) which are disposed in the form of strips on the lateral surface of a rotating, cylindrically shaped contact electrode (30). Counter electrodes (7) are disposed between each contact strip (3). The band-shaped product (1) is wound around the contact electrode (30). The electrically contacted surface of the product (1) and the counter electrode (7) respectively form temporary electrolytic small cells (9), wherein the product (1) is electrochemically treated.

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