

Title (en)

APPARATUS AND METHOD FOR PROVIDING ELECTRICAL CONTACT FOR PLANAR MATERIAL IN STRAIGHT-THROUGH INSTALLATIONS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ELEKTRISCHE KONTAKTIERUNG VON EBENEM GUT IN DURCHLAUFANLAGEN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR LA MISE EN CONTACT ÉLECTRIQUE DE PRODUIT PLAT DANS DES INSTALLATIONS FONCTIONNANT EN CONTINU

Publication

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Application

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- DE 102008026199 A 20080530

Abstract (en)

[origin: WO2009146773A1] The invention relates to the electrical contact of flat material (1) as sections in straight-through installations for the electrolytic and/or chemical wet treatment of the treatment side (10) of the material using external electric current, with the top, contact side (9) being kept dry and the treatment side (10) penetrating into the treatment liquid (11). The known transporting systems with top and bottom transporting and/or contact means result in treatment liquid (11) being transferred from the bottom means to the top means, in which case the top side of the material is often inadmissibly wetted and the top contacts are galvanized and therefore continuously stripped, which requires relatively high outlay. According to the invention, the level is lowered in the region of top contacts (6). This means that these cannot be wetted, even when there is no material located in the region of the contacts (6). This is achieved by way of downpipes (5) which are assigned to each contact (6). Even in the case of contacts being relieved of any stressing, they do not come into contact with any treatment liquid, as a result of which the top side of the material remains dry and the contacts do not require any stripping.

IPC 8 full level

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