Title (en)

USE OF AN ACTIVE DISCHARGE ELECTRODE FOR MINIMIZING POSITIVE AND/OR NEGATIVE CHARGES ON MOVING MATERIAL WEBS

Title (de)

VERWENDUNG EINER AKTIVEN ENTLADEELEKTRODE ZUM MINIMIEREN VON POSITIVEN UND/ODER NEGATIVEN LADUNGEN AUF BEWEGTEN MATERIALBAHNEN

Title (fr)

UTILISATION D'UNE ELECTRODE DE DECHARGE ACTIVE POUR MINIMISER LES CHARGES POSITIVES ET/OU NEGATIVES SUR DES BANDES DE MATERIAU EN MOUVEMENT

Publication

EP 0968628 B1 20060719 (DE)

Application

EP 98910741 A 19980310

Priority

- DE 19711342 A 19970318
- EP 9801382 W 19980310

Abstract (en)

[origin: US6504700B1] The invention concerns an active discharge electrode (5) for minimizing positive and/or negative charges on moving material webs. The active discharge electrode (5) comprises a plurality of needle-shaped individual electrodes (8) which are disposed mutually parallel and can be connected to a high-voltage source, preferably a high-voltage transformer. The active discharge electrode (5) further comprises at least one earthing conductor (11) extending at right angles to and along the plurality of individual electrodes (8).

IPC 8 full level

B41F 23/00 (2006.01); **H05F 3/04** (2006.01); **B41F 3/00** (2006.01); **H01T 19/04** (2006.01)

CPC (source: EP US)

H01T 19/04 (2013.01 - EP US); **H05F 3/04** (2013.01 - EP US)

Citation (examination)

- Bedienungsananleitung H-94/TSU-2, Seiten 23, 24 der Spengler Electronic AG
- Betriebsanleitung und Technische Information: Elektrode ein- (R44) und zweireihig (R44II) der ELTEX Elektrostatik GmbH

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

US 6504700 B1 20030107; AT E333777 T1 20060815; DE 19711342 A1 19980924; DE 19711342 C2 19990121; DE 59813647 D1 20060831; EP 0968628 A1 20000105; EP 0968628 B1 20060719; JP 2000513870 A 20001017; WO 9842166 A1 19980924

DOCDB simple family (application)

US 25463799 A 19990311; AT 98910741 T 19980310; DE 19711342 A 19970318; DE 59813647 T 19980310; EP 9801382 W 19980310; EP 98910741 A 19980310; JP 54009798 A 19980310