

Title (en)

Casing forming dielectric for electrodes of corona pre-treatment installations

Title (de)

Dielektrikumbildende Ummantelung für Elektroden von Coronavorbehandlungsanlagen

Title (fr)

Revêtement formant un diélectrique pour des électrodes d'installations de traitement corona préparatoire

Publication

EP 0567434 B1 19961127 (DE)

Application

EP 93810286 A 19930420

Priority

CH 129492 A 19920421

Abstract (en)

[origin: EP0567434A1] It is proposed to cover the electrodes (3) of corona pre-treatment installations with a casing (6) in the form of ceramic tubes which form a dielectric. The casing respectively has cutouts (7, 17) through which the electrode holder (4) can be guided to the electrode (3) through the casing (6). The casing (6) protrudes beyond the electrode (3) on both sides by an arbitrary distance. This renders it possible to use electrodes (3) which are shorter than the underlying composition roller (1). This brings the advantage that, on the one hand, the treatment width can be exactly matched to the corresponding printing width and, in addition, that it is no longer necessary for the encased electrodes (3) to protrude beyond the composition roller (1) itself, as a result of which it is possible to achieve a greater width of the composition roller (1) despite the difficult space conditions on the printing machine by comparison with the known corona pre-treatment installations. The shape of the cutouts (7, 17) and the configuration of the electrode holders (4) can now be fashioned in a manifold way. <IMAGE>

IPC 1-7

B41F 23/00; **H01T 19/00**

IPC 8 full level

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