

Title (en)
IONTOPHORETIC DRUG DELIVERY ELECTRODES

Title (de)
ELEKTRODEN ZUR IONOPHORETISCHEN VERABREICHUNG VON MEDIKAMENTEN

Title (fr)
ELECTRODES POUR ADMINISTRATION DE MEDICAMENTS PAR IONOPHORESE

Publication
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Application
EP 99924478 A 19990524

Priority

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Abstract (en)
[origin: WO0015120A1] Non-reusable, medicament-dispensing applicator electrodes (10) adapted for use with an iontophoresis device or an ionosonic device for facilitating delivery of medication across the cutaneous membrane into adjacent underlying tissues, and blood vessels. The embodiments of the iontophoresis electrode include an open mesh (12) having cells (12a) in the medicament dispensing portions (11) of the electrode which retain a medicament in the form of liquid, gel or ointment. The cells are adapted to contain, to iontophoretically dispense, and deliver medicament. The medicament-dispensing electrodes (70) are composite or unitary in construction and may be useful in the treatment of acne, and also genital herpes simplex infection. The delivery electrode (71), when used in accordance with the medicated electrode, and method described herein, demonstrated >90 % treatment efficacy in clinical trials for the treatment of genital herpes. The applicator electrode may also be used with an ionosonic handpiece (40).

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