

Title (en)

IONTOPHORETIC DRUG DELIVERY SYSTEM, INCLUDING DISPOSABLE PATCH AND REUSABLE, REMOVABLE CONTROLLER

Title (de)

VORRICHTUNG ZUR IONTOPHORETISCHEN VERABREICHUNG VON MEDIKAMENTEN UND ENTSPRECHENDE WEGWERFBARE KISSENELEKTRODE UND AUSWECHSELBARE MEHRWEGSTEUEREINRICHTUNG

Title (fr)

SYSTEME D'ADMINISTRATION D'UN MEDICAMENT PAR IONOPHORESE, COMPRENANT UN TIMBRE A USAGE UNIQUE ET UN DISPOSITIF DE COMMANDE AMOVIBLE, REUTILISABLE

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Application

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Abstract (en)

[origin: WO9610441A1] An iontophoretic drug delivery system (10) of the present invention includes a disposable patch, a reusable controller (14), a power source (16) and an electrode assembly (20) in electrical contact with at least two reservoirs, with at least one of the reservoirs containing an active formulation to be delivered to an applied area of a patient. The patch, power source (16) and electrode assembly (20) are for a single use and/or disposable, with the controller (14) being removably engageable with the patch for frequent reuse. In addition, the controller (14) may include a second power source for delivering sufficient energy to the controller for controlling and monitoring the electrical energy delivered by the electrode assembly (20). In an alternative embodiment of the present invention, the iontophoretic drug delivery system (10) includes a multiple-pod housing (12), a controller (14), a power source (16) and an electrode assembly (20) in electrical contact with at least two reservoirs, with at least one of the reservoirs containing an active formulation to be delivered to an applied area of a patient. The housing includes three pods (24) to more easily conform to the contours of the body, with two pods each including reservoirs and the electrode assembly, and the other pod including the controller.

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