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(54) Title: IONTOPHORESIS, ELECTROPORATION AND COMBINATION PATCHES FOR LOCAL DRUG DELIVERY

(57) Abstract

Patch-based devices for enhancing the local delivery of drugs, pharmaceuticals, plasmids, genes, and other agents into the tissues (260) of the living body. The patch devices provide an electrical driving force that can increase the rate of migration of drugs and other therapeutic agents out of a polymer matrix into body tissues and cells using iontophoresis only, electroporation only, or combined iontophoresis and electroporation. The two procedures may be applied sequentially in any order without removing or repositioning the patch.

