[Name of the Document] Abstract

An iontophoresis device includes: an electric power source device; a drug administrating means including a working electrode assembly holding an ionic drug, the working electrode assembly being connected to the electric power source device, and a non-working electrode assembly holding an ionic drug, the non-working electrode assembly serving as a counter electrode of the working electrode assembly; and a current control unit for controlling a current flowing in each of the electrode assemblies by means of a program in accordance with a preset pattern. The ionic drug is released from each of the electrode assemblies in accordance with a current flowing in each of the electrode assemblies to be transdermally administered to an organism. Thereby, the drug can be administered in accordance with the living pattern of a patient and the circadian rhythm of the drug.