IONTOPHORESIS DEVICE

ABSTRACT OF THE DISCLOSURE

An iontophoresis device is provided capable of suppressing the change in a composition of a drug solution and/or an electrolyte solution of a working electrode structure, thereby allowing the working electrode structure to be retained in a stable state for a long period of time. The iontophoresis device includes: an electrolyte solution holding part for holding an electrolyte solution in which an electrolyte to be dissociated, in a solution, to first electrolytic ions of a first conductivity and second electrolytic ions of a second conductivity is dissolved; and a drug solution holding part for holding a drug solution in which a drug to be dissociated, in a solution, to the drug ions of the first conductivity and drug counter ions of the second conductivity is dissolved. A first ion-exchange membrane for selectively passing the ions of the second conductivity and a porous separation membrane for blocking passage of molecules and ions each having a predetermined molecular weight or more are placed between the electrolyte solution holding part and the drug solution holding part.

Fig. 2