

DIFFUSION PROMOTION DEVICE AND ION INTRODUCTION SYSTEM

Abstract

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The purpose of the present invention is to promote diffusion of an active ingredient contained in a supplied liquid agent under a surface layer, using a compact configuration. A diffusion promotion device (100) comprises a first cylindrical member (110) and a second cylindrical member (120). In a state in which a liquid agent has been or is being supplied to an object from a liquid agent supply unit (220) of a liquid agent supply device (200) accommodated in an internal accommodation space of the diffusion promotion device (100), when a current path is formed between a first electrode (115₁ and/or 115₂) formed on a side surface of the first cylindrical member (110) and a second electrode (125) formed on a tip end portion of the second cylindrical member (120) through a surface layer portion of the object, diffusion of the active ingredient contained in the liquid agent under the surface layer of the object (for example, the surface or stratum corneum of the skin of a person) is promoted. That is, the diffusion promotion device (100) promotes diffusion of the active ingredient under the surface layer of the object by an ion introduction effect.

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Fig. 1