

Title (en)

APPARATUS AND METHOD FOR DELIVERING BENEFICIAL LIQUIDS AT A CONSISTENT RATE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ABGABE VON HEILFLÜSSIGKEITEN BEI GLEICHBLEIBENDER FLUSSRATE

Title (fr)

APPAREIL ET PROCÉDÉ PERMETTANT DE FOURNIR DES LIQUIDES BÉNÉFIQUES À UNE VITESSE RÉGULIÈRE

Publication

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Application

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Abstract (en)

[origin: WO2013188199A1] An apparatus (1) for providing controlled delivery of a beneficial agent (2) is disclosed. In one embodiment, such an apparatus (1) includes a water chamber (8) and a filter to produce filtered water by removing impurities from water introduced into the water chamber. A water-transporting membrane transports filtered water from the water chamber (8) to an extraction chamber, thereby expanding the extraction chamber. The extraction chamber contains an osmagent that provides the driving force to pull the filtered water through the water-transporting membrane. As the extraction chamber expands, a dispensing chamber containing a beneficial agent (2) contracts. This causes the beneficial agent to be expelled through a port (10) in communication with the dispensing chamber. A corresponding method is also disclosed.

IPC 8 full level

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