

Title (en)

A DEVICE FOR TRANSFERRING VOLATILE LIQUIDS FROM A CONTAINER TO A VAPORIZER

Title (de)

VORRICHTUNG FÜR DIE ÜBERTRAGUNG VON FLÜCHTIGEN FLÜSSIGKEITEN AUS EINEM BEHÄLTER IN EINEN VERDAMPFER

Title (fr)

DISPOSITIF DE TRANSFERT DE LIQUIDE VOLATIL D'UN RÉCIPIENT À UN VAPORISATEUR

Publication

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Application

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Abstract (en)

[origin: WO2010109488A2] The invention embodies a device for transferring volatile fluid from a container to a receiver, including an anesthetic fluid, comprising a mechanism adapted to a fluid transfer through a sequence of opening and closing of sealing elements wherein the sealing element at receiver end opens first, followed by opening of sealing element at container end to connect the container with the receiver through a fluid passage path, and disconnects fluid passage path first by closing a sealing element at receiver subassembly end and then closing the sealing element at receiver end. Illustrated embodiments comprise a receiver subassembly and an receiver subassembly having mechanisms such that a sequence of movement of the receiver subassembly with reference to receiver subassembly sets in motion the desired sequence of opening and closing of the sealing elements given above. The illustrated movements include (a) rotate the receiver subassembly around its axis in two sequential actions concurrent to movement along its axis towards the receiver subassembly, and reverse the action, (b) rotate the receiver subassembly along its axis and then axially push the same towards the receiver subassembly, and (c) push the receiver subassembly into the receiver subassembly.

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