

Title (en)

SYRINGE FOR TRANSFER OF MEDICATION FROM A PREFILLED MEDICATION CONTAINER

Title (de)

SPRITZE ZUR MEDIKAMENTENÜBERTRAGUNG AUS EINEM VORGEFÜLLTEN MEDIKAMENTENBEHÄLTER

Title (fr)

SERINGUE DESTINEE AU TRANSFERT DE MEDICAMENT A PARTIR D'UN RECIPIENT DE MEDICAMENTS PRE-REMPLI

Publication

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Application

EP 00943248 A 20000628

Priority

- US 0017765 W 20000628
- US 14177899 P 19990630

Abstract (en)

[origin: WO0100261A1] A liquid transfer device (10) for use with a medication container (16) is used in the delivery of medication. It includes a plunger (12) having a discharge end (13), a loading end (26), and interior space configured for receiving the medication container, and a through connector (30) for engaging an engaging end (20) of the medication container (16). The through connector (30) has an opening (36) defining a medication flow path from the container to the discharge end. A check valve (32) prevents medication backflow. A barrel (14) defines a bore (34) and has a discharge end (28), a loading end (26), and is dimensioned for slidably accommodating the plunger (12) such that the plunger is movable between a depressed and a retracted position. A piston (37) is on the plunger (12) to slidably and sealingly engage the barrel. A tip protector (38) is disposed at the barrel discharge end (28) to create a vacuum in the barrel when the plunger is retracted. Upon the engagement of the medication container (16) by the through connector (30), and the plunger (12) being moved toward the retracted position with the tip protector (38) in place, the medication is withdrawn into the barrel. When the tip protector (38) is removed and the plunger (12) depressed, the medication is propelled from the barrel (14).

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