

Title (en)

DEVICE FOR HYPODERMIC INJECTION WITHOUT NEEDLE OF A MEDICINE IN LIQUID FORM

Title (de)

NADELLOSE SUBKUTANINJEKTIONSVORRICHTUNG ZUR VERABREICHUNG EINES FLÜSSIGEN MEDIKAMENTES

Title (fr)

DISPOSITIF POUR L'INJECTION SOUS-CUTANEE SANS AIGUILLE D'UN MEDICAMENT SOUS FORME LIQUIDE

Publication

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Application

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Priority

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Abstract (en)

[origin: FR2775603A1] The invention concerns a device comprising an injecting head (9) defining a chamber (11) capable of containing a volume of said medicine, the tubular body (10) being closed, at one end, by a transverse wall (12) traversed by microchannels (131, 132) emerging on an external surface of the head (9). At the other end, the body is closed by a mobile plunger (15). Means are provided for filling the chamber (11) and forcing the medicine outside the injecting head (9), through the microchannels (131, 132). The invention is characterised in that the filling means comprise a) means (25) for temporarily closing the microchannels (131, 132) and b) a passage (26) for injecting a medicine into the head (9), said passage being equipped with a non-return valve (32) preventing the medicine from leaking outside the passage at all.

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