

Title (en)

DEVICE FOR INHALING MEDICAMENTS USING SUPPORTED PRESSURE RESPIRATION

Title (de)

VORRICHTUNG ZUM INHALIEREN VON MEDIKAMENTEN MITTELS UNTERSTÜTZENDER DRUCKBEATMUNG

Title (fr)

DISPOSITIF POUR INHALER DES MEDICAMENTS PAR ASSISTANCE RESPIRATOIRE SOUS PRESSION

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Application

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Abstract (en)

[origin: WO0137910A1] The invention relates to a small, light device (1) for inhaling medicaments using supported pressure respiration, comprising a mouthpiece (2), a reservoir (5; 12), which has a variable volume for receiving respiratory gas and which can be connected to the mouthpiece (2) and into the flow either directly or using a distributor (3), an adjustable, gas-tight closure (8) between the mouthpiece (2) and the reservoir (5; 12) and at least one connecting element (10; 17) for the medicament supply to the reservoir, (5; 12), said medicament being supplied either directly or indirectly, using a distributor (3). The reservoir (5; 12) has a wall which adjusts to its change in volume. Said wall can be expanded against a restoring force by the pressurised influx of respiratory gas, in such a way that the supported pressure respiration takes place using the effect of the restoring force during inhalation of the respiratory gas which contains the medicament.

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