

Title (en)

COLLAPSIBLE, DISPOSABLE MEDICATION INHALATION SPACER AND METHOD

Title (de)

ZUSAMMENKLAPPBARER MEDIKAMENTENINHALATIONSABSTANDSHALTER FÜR DEN EINMALGEBRAUCH UND VERFAHREN

Title (fr)

ESPACEUR D'INHALATION DE MÉDICAMENT ÉCRASABLE, JETABLE ET PROCÉDÉ

Publication

EP 3946529 A1 20220209 (EN)

Application

EP 20776692 A 20200330

Priority

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Abstract (en)

[origin: WO2020198736A1] A medication inhalation apparatus preferably formed of a single, unitary sheet of stock, includes an outer housing, movable between collapsed and expanded states, encompassing a first volume. An inner housing within the outer housing encompasses an inner or second volume. An inhaler opening to the first volume is within a wall of the outer housing at a first location. A mouth opening to the inner volume is within a wall of the outer housing and the inner housing at a second location. A one-way inhalation valve connecting the first volume and the inner volume is within a wall of the inner housing. A one-way exhalation valve connecting the inner volume and the exterior of the outer housing is within a wall of the outer housing and inner housing at a third location. The valve preferably includes an elongated spring body formed of a semi-pliant material with a strength and rigidity providing limited flexibility. A first separation is perpendicular to the elongate axis of the spring body, and extends from a first edge of the spring body across at least a portion of a width of the spring body. A second separation perpendicular to the elongate axis of the spring body extends from a second edge of the spring body across at least a portion of the width of the spring body.

IPC 8 full level

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CPC (source: EP)

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