

Title (en)
POSITIVE EXPIRATORY PRESSURE DEVICES WITH FLUTTER VALVE

Title (de)
POSITIVE AUSATMUNGSDRUCKVORRICHTUNGEN MIT FLATTERVENTIL

Title (fr)
DISPOSITIFS À PRESSION EXPIRATOIRE POSITIVE À SOUPAPE FLOTTANTE

Publication
EP 4065203 A2 20221005 (EN)

Application
EP 20894104 A 20201125

Priority
• US 201916693915 A 20191125
• US 2020062193 W 20201125

Abstract (en)
[origin: WO2021108524A2] A positive pressure airway device for providing resistance in an air pathway for a patient exhaling. The device includes a central tube region, a inspiratory air passageway for passing air into the central tube region when a patient breathing through the device inhales, and an expiratory air passageway for passing air out of the central tube region when a patient breathing through the device exhales, A valve in the expiratory air passageway allows air to flow out only when a patient using the device exhales with an expiratory air pressure greater than a selected pressure, and includes a stopper and a coil spring with an interior portion that is free from any structure that would prevent or significantly inhibit the "side-to-side" movement of the spring within the housing, and thus prevent or significantly inhibit providing a therapeutically-effective oscillating flow of air through the device. The stopper has a cone-shaped air-stopping surface providing a valve angle that may be different from the valve-seat angle so that either laminar or oscillating flow may be obtained.

IPC 8 full level
A61M 16/20 (2006.01)

CPC (source: EP)
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