

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)  
**A61M 16/0006** (2014.02); **A61M 16/208** (2013.01); **A61M 16/049** (2014.02); **A61M 16/0833** (2014.02); **A61M 16/0866** (2014.02); **A61M 16/1005** (2014.02); **A61M 16/125** (2014.02); **A61M 16/201** (2014.02); **A61M 16/205** (2014.02)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**WO 2021108524 A2 20210603**; **WO 2021108524 A3 20210701**; EP 4065203 A2 20221005; EP 4065203 A4 20231227

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