

Title (en)

VENTILATION DEVICE FOR A PISTON FOR A CARTRIDGE

Title (de)

ENTLÜFTUNGSVORRICHTUNG BEI EINEM KOLBEN FÜR EINE KARTUSCHE

Title (fr)

DISPOSITIF DE PURGE DANS LE CAS DU PISTON D'UNE CARTOUCHE

Publication

**EP 1207969 B1 20041229 (DE)**

Application

**EP 01913897 A 20010321**

Priority

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- EP 0103221 W 20010321

Abstract (en)

[origin: WO0194028A1] The invention relates to a ventilation device for a piston for a cartridge, comprising a first piston part (1) which rests sealingly against the cartridge wall and a second piston part (4, 24), which forms a valve (9, 10) together with the first piston part (1). Said valve opens when a pressure is exerted on the rear side of the piston so that the air that is trapped between the filling composition and the piston can escape. According to the invention, a filter section (14) is provided in front of the valve (9, 10), between the two piston parts (1; 4, 24), as seen from the flow path of the air through the valve (9, 10). This filter section has at least one narrow channel which forms a penetration barrier for the filling mass and ensures that the valve remains dry and free of dirt.

IPC 1-7

**B05C 17/01**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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**DE 20010417 U1 20011011**; DE 50104959 D1 20050203; EP 1207969 A1 20020529; EP 1207969 B1 20041229; EP 1207969 B2 20070704; US 6598766 B1 20030729; WO 0194028 A1 20011213

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