

Title (en)

CARTRIDGE CAP AND CARTRIDGE ASSEMBLY

Title (de)

KARTUSCHENKAPPE UND KARTUSCHENANORDNUNG

Title (fr)

CAPUCHON DE CARTOUCHE ET ENSEMBLE DE CARTOUCHE

Publication

**EP 3936454 B1 20221109 (EN)**

Application

**EP 20184786 A 20200708**

Priority

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Abstract (en)

[origin: EP3936454A1] The present invention relates to a cartridge cap mountable on a distal end of a cartridge body for use with an extrusion gun. The cap comprises a dispensing outlet extending in a longitudinal direction around a longitudinal axis of the outlet. The cap further comprises a cap body extending radially outward from said outlet. Moreover, a plurality of rods extend in the longitudinal direction from an inner surface of the cap body. At least one rod of the plurality of rods is adapted to pierce a flexible bag when the flexible bag is pressed against the at least one rod. Furthermore, the tips of at least two of the plurality of rods have different sharpness. The present invention further relates to a cartridge assembly comprising such a cartridge cap.

IPC 8 full level

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CPC (source: EP)

**B05C 17/00586** (2013.01); **B65D 47/06** (2013.01); **B65D 83/0072** (2013.01); **B05C 17/00583** (2013.01)

Citation (opposition)

Opponent : [Henkel AG & Co. KGaA](#)

- [WO 0076676 A1 20001221](#) - CREATECHNIC AG [CH], et al
- [DE 1536003 A1 19691016](#) - DOW CHEMICAL CO
- [WO 02051557 A1 20020704](#) - SELLEYS PTY LTD [AU], et al
- [DE 9103038 U1 19920716](#)
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- [EP 2654850 B1 20170322](#) - SANOFI AVENTIS DEUTSCHLAND [DE]

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[EP4268977A2](#); [DE202023107547U1](#); [WO2023091877A1](#)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 3936454 A1 20220112**; **EP 3936454 B1 20221109**; [BE 1028414 A1 20220120](#); [BE 1028414 B1 20220728](#); [ES 2938047 T3 20230404](#); [PL 3936454 T3 20230313](#)

DOCDB simple family (application)

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