

Title (en)

Dispenser with an anti-clogging closure cap

Title (de)

Spender mit einem Verschlussenteil zur Vermeidung von Verstopfungen

Title (fr)

Distributeur avec capuchon évitant le colmatage

Publication

EP 1749582 A1 20070207 (DE)

Application

EP 06117133 A 20060713

Priority

- DE 202005012241 U 20050801
- DE 202005019298 U 20051210

Abstract (en)

The dispenser has an output head (5) displaceable relative to a supply container to produce a party or liquid mass, and an output channel (47) formed with an output opening (37) in the head. The opening is closable by a removable closure part that is held in the head, where the closure part is a sliding part (35) that cooperates with a fixed closure pin (45) and forms an output channel section (42). The sliding part is operable from the upper side of the head.

IPC 8 full level

B05B 11/00 (2006.01)

CPC (source: EP US)

B05B 11/0032 (2013.01 - EP US); **B05B 11/1035** (2023.01 - EP US); **B05B 11/1069** (2023.01 - EP US); **B05B 11/1094** (2023.01 - EP US); **B05B 11/028** (2023.01 - EP US)

Citation (applicant)

- EP 0214106 B1 19900328
- DE 10222375 A1 20031204 - SCHUCKMANN ALFRED VON [DE]
- WO 02056725 A1 20020725 - KANG SEONG IL [KR]

Citation (search report)

- [X] WO 02056725 A1 20020725 - KANG SEONG IL [KR]
- [A] US 6299036 B1 20011009 - FUCHS TIMOTHY J [US]

Cited by

US7677415B2; US8444019B2

Designated contracting state (EPC)

DE FR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

DE 202005019298 U1 20061207; DE 502006002689 D1 20090312; EP 1749582 A1 20070207; EP 1749582 B1 20090121; JP 2007039133 A 20070215; JP 5096704 B2 20121212; US 2007045347 A1 20070301; US 7677415 B2 20100316

DOCDB simple family (application)

DE 202005019298 U 20051210; DE 502006002689 T 20060713; EP 06117133 A 20060713; JP 2006198864 A 20060721; US 49740906 A 20060801