Title (en)

Cosmetic pencil

Title (de)

Kosmetikstift

Title (fr)

Crayon cosmétique

Publication

EP 1869993 B1 20130227 (DE)

Application

EP 07010427 A 20070525

Priority

DE 202006009893 U 20060624

Abstract (en)

[origin: CN101091602A] A cosmetic stick includes the following components: a cosmetic stick casing; a reloading object which can extend from the cosmetic stick casing to the outside of the filling inlet; and a feeding device used to extend the reloading object. The reloading object and the piston which is guided in the casing form an impelling connection. The feeding device is provided with a piston push rod and an actuating push rod which form an impelling connection. The actuating push rod and the piston push rod form an impelling connection by a pair of stop catches. The stop catch alternate device which is allowed to alternate between the first stop catch and a plurality of second stop catch is provided with an activating body part fixed on the actuating push rod. A bevel is fitted to the activating body part and the slope grade makes the first stop catch immediately break away from the second instantaneous stop catch when the activating body part has passed the distance which is equal to at least the distance between the two adjacent second stop catches. The preloading spring eccentrically presses the actuating push rod at the non-actuating normal position and the invention is to produce a cosmetic stick with a lower manufacturing cost at the situation that the stop catch switching device is provided with assigned operational reliability.

IPC 8 full level

A45D 40/20 (2006.01); B43K 21/18 (2006.01); B65D 83/00 (2006.01)

CPC (source: EP KR US)

A45D 40/205 (2013.01 - EP KR US); A45D 2040/005 (2013.01 - EP KR US); A45D 2040/207 (2013.01 - EP KR US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 202006009893 U1 20071108**; CN 101091602 A 20071226; CN 101091602 B 20100609; EP 1869993 A2 20071226; EP 1869993 A3 20090729; EP 1869993 B1 20130227; HK 1115786 A1 20081212; JP 2008000607 A 20080110; KR 20070122133 A 20071228; US 2007297844 A1 20071227; US 7503717 B2 20090317

DOCDB simple family (application)

**DE 202006009893 U 20060624**; CN 200710112602 A 20070622; EP 07010427 A 20070525; HK 08106231 A 20080604; JP 2007162617 A 20070620; KR 20070053807 A 20070601; US 76769507 A 20070625