

Title (en)

Foundation injector and foundation filled cosmetic implement therewith

Title (de)

Kosmetikinjektor und damit versehenes Kosmetikgerät

Title (fr)

Injecteur de fonds de teint et instrument cosmétique de fonds de teint avec un tel injecteur

Publication

EP 1269882 A2 20030102 (EN)

Application

EP 01120635 A 20010830

Priority

KR 20010037380 A 20010628

Abstract (en)

Disclosed are a foundation injector and a foundation filled cosmetic implement therewith. The foundation injector includes a pressurization pump (10) having a push button (11) which is reciprocated due to an external force, and a slide pin (13) which is reciprocated by being connected to the push button (11), to permit the slide pin (13) to be reciprocated by the reciprocation of the push button (11); a discharge guide tube (20) having a push rod (24) which is reciprocated due to a pressure of the slide pin, and a tube (21) which surrounds an outer peripheral surface of the push rod (24) and supports the push rod to be reciprocated, to receive the pressure of the slide pin (13) and guide the foundation to be flowed; and an injection nozzle (30) having a nozzle (36) with a flow channel (37) which is formed on a reciprocation passage of the push rod (24), and an open-and-shut mechanism (34) which is interposed within the flow channel (37), to permit the flow channel to be opened and shut according to the reciprocation of the open-and-shut mechanism (34) due to the pressure of the push rod (24) and the foundation to be discharged according to the open and shut action of the flow channel (37). Therefore, the present invention has advantages of ensuring a sure foundation discharge and airtight condition and improving productivity owing to reduction in required components. <IMAGE>

IPC 1-7

A45D 34/04

IPC 8 full level

A45D 40/00 (2006.01); **A45D 34/04** (2006.01)

CPC (source: EP KR US)

A45D 34/042 (2013.01 - EP US); **A45D 40/00** (2013.01 - KR)

Cited by

FR2866531A1; EP1568296A1; CN110269368A; EP3659466A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1269882 A2 20030102; **EP 1269882 A3 20050223**; JP 2003019027 A 20030121; KR 20030001052 A 20030106; US 2003000544 A1 20030102

DOCDB simple family (application)

EP 01120635 A 20010830; JP 2001269612 A 20010906; KR 20010037380 A 20010628; US 93812401 A 20010823