

Title (en)

Method and device for filling tubes.

Title (de)

Verfahren und Vorrichtung zum Füllen von Quetschtuben.

Title (fr)

Procédé et remplissage de tubes.

Publication

EP 0414198 B1 19931027 (DE)

Application

EP 90115951 A 19900821

Priority

DE 3927996 A 19890824

Abstract (en)

[origin: EP0414198A1] Small quantities of prepared ointments or of corresponding pasty masses (10) are mostly filled into ointment tubs, in which the durability of the ointment is only relatively short, or into tubes (1). Filling into a tube takes place with a filling device which has to be cleaned, or with a plastic apron (3) intended for a single use, the ointment moistening, however, the inner, still open bottom end (2) of the tube and the squeezing together of this end requiring skill. Also with this device, tubes which have a latex ring cannot advantageously be used. An ointment is filled into a thin plastic apron (3) intended for a single use and is introduced by means of the same into the tube (10), a part of the plastic apron which has not been moistened by the ointment being brought, during its introduction, over the inner region of the bottom end so that this region is protected against moistening with the ointment. Manual filling of tubes with a pasty mass, in particular in dispensing. <IMAGE>

IPC 1-7

B65B 3/16

IPC 8 full level

B65B 3/16 (2006.01)

CPC (source: EP)

B65B 3/16 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0414198 A1 19910227; EP 0414198 B1 19931027; AT E96387 T1 19931115; DE 3927996 C1 19910124; DE 59003219 D1 19931202; DK 0414198 T3 19940314

DOCDB simple family (application)

EP 90115951 A 19900821; AT 90115951 T 19900821; DE 3927996 A 19890824; DE 59003219 T 19900821; DK 90115951 T 19900821