

Title (en)

PROCESS FOR THE MANUFACTURE OF SINGLE-DOSE PHIALS FOR FLUID PRODUCTS OF THE MEDICAL, PHARMACEUTICAL, COSMETIC TYPE OR THE LIKE, AND A PHIAL THUS OBTAINABLE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON EINZELDOSISPHIOLEN FÜR FLUIDPRODUKTE DER MEDIZINISCHEN, PHARMAZEUTISCHEN, KOSMETISCHEN ART ODER DERGLEICHEN, UND SO ERHÄLTICHE PHIOLE

Title (fr)

PROCÉDÉ DE FABRICATION DE FLACONS MONODOSES POUR DES PRODUITS FLUIDES DE TYPE MÉDICAL, PHARMACEUTIQUE, COSMÉTIQUE OU ÉQUIVALENTS, ET FLACON POUVANT ÊTRE AINSI OBTENU

Publication

**EP 2293918 A2 20110316 (EN)**

Application

**EP 09754187 A 20090525**

Priority

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- IT MO20080170 A 20080530

Abstract (en)

[origin: WO2009144559A2] The process for the manufacture of single-dose phials for fluid products of the medical, pharmaceutical, cosmetic type or the like comprises the following phases: - extruding at least a barrier layer of plastic material to form a first substantially tubular semi-finished product having a distal extremity and a proximal extremity; - blowing an expansion gas into the first semi-finished product through the proximal extremity inside a forming mould with the distal extremity substantially closed, to form a second semi-finished product having a dispensing spout at the distal extremity; - removing the proximal extremity from the second semi-finished product to define an open bottom for the introduction of a fluid product of the medical, pharmaceutical, cosmetic type or the like; - drilling the distal extremity to define an outlet opening for the fluid product and to form a single-dose phial having the open bottom, which is sealable after the filling of the phial with the fluid product, and the outlet opening obtained on the dispensing spout.

IPC 8 full level

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CPC (source: EP US)

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