

Title (en)

CYLINDER AMPOULE SYRINGE HAVING AN INJECTION CANNULA AND A PENETRATING CANNULA

Title (de)

KARPULENSPRITZE MIT EINER INJEKTIONSKANÜLE UND EINER DURCHSTECKKANÜLE

Title (fr)

SERINGUE D'ANESTHÉSIE DOTÉE D'UNE CANULE D'INJECTION ET D'UNE CANULE DE PERFORATION

Publication

EP 2355868 A1 20110817 (DE)

Application

EP 09774830 A 20091130

Priority

- EP 2009008520 W 20091130
- DE 202008016246 U 20081208

Abstract (en)

[origin: WO2010075920A1] The invention relates to a cylinder ampoule syringe having a receiving cylinder (2), having an opening (9) for placing the cylinder ampoule (3) comprising an ampoule cylinder (4) filled with a medication (5), said cylinder being closed at one end by a penetration membrane (6) and at the other end by a stopper (8), having a ram (11) displaceably guided at the rear end of the receiving cylinder (2) and pressing the stopper (8) into the ampoule cylinder (4) after penetrating the penetration membrane (6) for injection, and having a connection for an injection cannula (15) at the front end of the syringe (1). The connection for the injection cannula (15) is thereby designed as a Luer-Lock, wherein the injection cannula (15) is attached to the outer cone (17) of the Luer-Lock. A penetrating cannula (14) extending into the receiving cylinder (2) is attached at the front end of the syringe (1) for penetrating the penetration membrane (6).

IPC 8 full level

A61M 5/00 (2006.01); **A61M 5/24** (2006.01)

CPC (source: EP)

A61M 5/24 (2013.01); **A61M 5/344** (2013.01); **A61M 5/315** (2013.01); **A61M 5/347** (2013.01); **A61M 2005/2414** (2013.01); **A61M 2005/247** (2013.01)

Citation (search report)

See references of WO 2010075920A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

DE 202008016246 U1 20090305; EP 2355868 A1 20110817; WO 2010075920 A1 20100708

DOCDB simple family (application)

DE 202008016246 U 20081208; EP 09774830 A 20091130; EP 2009008520 W 20091130