

Title (en)

PREFILLED SYRINGE WITH MEANS FOR PREVENTING PLUNGER REMOVAL

Title (de)

VORGEFÜLLTE SPRITZE MIT MITTELN ZUM VERHINDERN DER KOLBENENTFERNUNG

Title (fr)

SERINGUE A PREREMPLISSAGE COMPORTANT DES MOYENS SERVANT A EMPECHER LE RETRAIT DU PISTON

Publication

EP 1042022 A1 20001011 (EN)

Application

EP 99940909 A 19990806

Priority

- US 9917773 W 19990806
- US 9554298 P 19980806

Abstract (en)

[origin: WO0007648A1] A finger grip (13) that prevents unintended removal of the plunger (27) from a syringe vial (11) upon retraction of the plunger rod (21).

IPC 1-7

A61M 5/315

IPC 8 full level

A61M 5/315 (2006.01); **A61M 5/31** (2006.01)

CPC (source: EP)

A61M 5/315 (2013.01); **A61M 5/31505** (2013.01); **A61M 2005/3139** (2013.01)

Citation (search report)

See references of WO 0007648A1

Cited by

US7229150B2

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 0007648 A1 20000217; **WO 0007648 A9 20001116**; **WO 0007648 B1 20000323**; AU 5466999 A 20000228; EP 1042022 A1 20001011

DOCDB simple family (application)

US 9917773 W 19990806; AU 5466999 A 19990806; EP 99940909 A 19990806