

Title (en)

SAFETY PIN MODULE COMPRISING A LOCKING MECHANISM AND A USER IDENTIFICATION

Title (de)

SICHERHEITSNADELMODUL MIT EINEM RASTMECHANISMUS UND EINER VERWENDUNGSKENNZEICHNUNG

Title (fr)

MODULE SERINGUE DE SÉCURITÉ DOTÉ D'UN MÉCANISME D'ARRÊT ET D'UNE INDICATION D'UTILISATION

Publication

EP 2059287 A1 20090520 (DE)

Application

EP 07785107 A 20070822

Priority

- CH 2007000412 W 20070822
- DE 102006041128 A 20060901

Abstract (en)

[origin: WO2008025179A1] The invention relates to a safety pin module for fixing to an injection device for administering a liquid product. Said safety pin module comprises a) a housing (2), b) a pin (1) that is connected in an axial manner to the housing (2), c) a pin protective sleeve (3), the distal end of which can be inserted onto an injection point and can be displaced axially in relation to the pin (1) or the housing (2) from the starting position (A) in which the distal pin tip is covered, to the injection position (I) in which the distal end protrudes as far as the pin protective sleeve (3) such that the distal pin tip touches at least the injection point in an end position (E) in which the distal pin tip is covered, d) the pin protective sleeve (3) is locked in an axial manner in its end position (E) in relation to the pin (1) or to the housing (2).

IPC 8 full level

A61M 5/32 (2006.01)

CPC (source: EP US)

A61M 5/326 (2013.01 - EP US); **A61M 5/3271** (2013.01 - EP US); **A61M 5/5086** (2013.01 - EP US); **A61M 2005/3247** (2013.01 - EP US); **A61M 2005/3267** (2013.01 - EP US); **A61M 2205/583** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008025179 A1 20080306; CN 101568358 A 20091028; DE 102006041128 A1 20080320; EP 2059287 A1 20090520; JP 2010501295 A 20100121; JP 5143839 B2 20130213; US 2009259178 A1 20091015; US 8177745 B2 20120515

DOCDB simple family (application)

CH 2007000412 W 20070822; CN 200780040860 A 20070822; DE 102006041128 A 20060901; EP 07785107 A 20070822; JP 2009525887 A 20070822; US 39282709 A 20090225