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[Continued on next page]

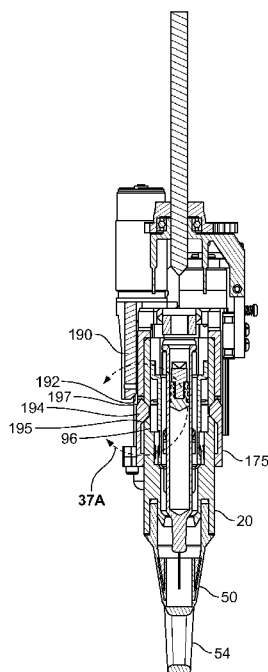
(54) **Title:** AUTO-INJECTOR

FIG. 35

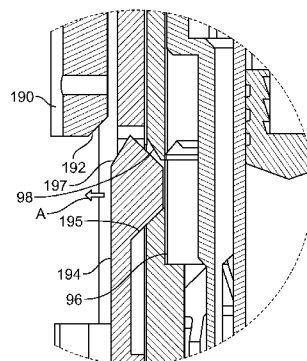


FIG. 37A

(57) **Abstract:** Provided is a cassette unit suitable for use with an auto-injector having an electrically powered drive unit. The cassette unit has a housing defining a cassette unit housing cavity and a needle projection aperture. The housing cavity is arranged for receipt of a syringe for injected delivery of a drug to a patient. The cassette unit includes a removable cap that in a capping position fits over and thereby acts to close off the needle projection aperture; and connecting to the removable cap, a needle cover defining a needle sheath for sheathing the needle tip of the syringe. The removable cap is provided with one or more first engagement features arranged for selectively engaging one or more second engagement features of the cassette unit housing when the removable cap is in the capping position to thereby restrict/prevent rotation of the removable cap and needle cover relative to the housing.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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# INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61M5/20 A61M5/32  
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EP0-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                                                 | Relevant to claim No.       |
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| X         | WO 2010/136078 A1 (TECPHARMA LICENSING AG [CH]; VOGT PATRICK [CH]; STREIT URSINA [CH]) 2 December 2010 (2010-12-02)                | 1-13,18, 26-38              |
| Y         | page 18, line 14 - line 21<br>figures 2a, 3b                                                                                       | 14-17, 19-25,39             |
| X         | WO 2009/040603 A1 (BECTON DICKINSON FRANCE [FR]; LLEWELLYN-HYDE DAVID [GB]; RICH VERNON []) 2 April 2009 (2009-04-02)              | 1-8,10, 12, 18-20, 26-37,40 |
|           | page 6, line 34 - page 7, line 14<br>figures 1-5                                                                                   |                             |
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|           | -----<br>-/--                                                                                                                      |                             |

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                                                                                    | Relevant to claim No. |
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Information on patent family members

International application No

PCT/IB2012/001172

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s)                                                                                                                                                                               | Publication<br>date                                                                                                                                    |
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