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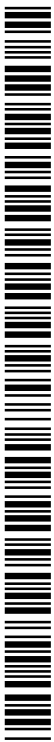
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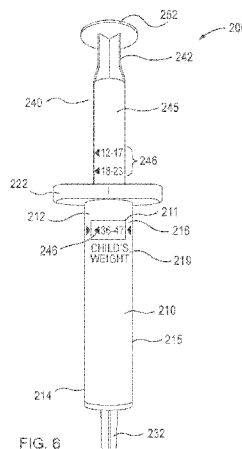
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(54) Title: SAFETY SYRINGE AND METHODS FOR ADMINISTRATION OF A MEDICAMENT DOSE BY SUBJECT WEIGHT



(57) Abstract: An apparatus includes a syringe body and a plunger. The syringe body defines a volume configured to contain a medicament. A proximal end portion of the syringe body includes an engagement portion, and a distal end portion of the syringe body includes a delivery tip. A side wall of the syringe body includes a transparent window. The plunger has a distal end portion configured to move within the volume of the syringe body to convey the medicament. An engagement portion of the plunger is configured to interface with the engagement portion of the syringe body to limit rotation of the plunger about a longitudinal axis of the plunger. An outer surface of the plunger includes a series of indicia, at least one which is visible through the transparent window.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2015/065544

<b>A. CLASSIFICATION OF SUBJECT MATTER</b> IPC(8) - A61M 5/315 (2016.01) CPC - A61M 2005/3125 (2016.01) According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b> Minimum documentation searched (classification system followed by classification symbols) IPC(8) - A61M 3/00, 5/00, 5/178, 5/31, 5/315 (2016.01) CPC - A61M 3/00, 5/00, 5/178, 5/31, 2005/3125, 2005/3126, 5/315, 5/31501, 5/31505, 5/31533, 5/31565 (2016.01)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched US: 604/19, 48, 93.01, 181, 187, 189, 207, 208, 210, 211, 218, 220, 222, 246 (Keyword delimited)		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Orbit, Google Patents, Google Search terms used: syringe, plunger, piston, indicia, window, aperture, opening, transparent, opaque, lock, label, kit, tether, couple, unique, match, shape, length		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 8,062,254 B2 (MACLEAN) 22 November 2011 (22.11.2011) entire document	1, 2, 4, 5, 8-11, 13, 15-19, 21-23
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Y		3, 6, 7, 12, 14, 20, 24, 25
Y	US 2012/0071853 A1 (INGRAM et al) 22 March 2012 (22.03.2012) entire document	3, 6, 7
Y	US 4,493,348 A (LEMMONS) 15 January 1985 (15.01.1985) entire document	12
Y	US 4,750,373 A (SHAPIRO) 14 June 1988 (14.06.1988) entire document	14, 24, 25
Y	US 6,382,204 B1 (JANSEN et al) 07 May 2002 (07.05.2002) entire document	20
Y	US 8,034,033 B2 (GRINBERG) 11 October 2011 (11.10.2011) entire document	25
A	US 2014/0288506 A1 (MUMFORD et al) 25 September 2014 (25.09.2014) entire document	1-25
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search 08 February 2016		Date of mailing of the international search report <b>30 JUN 2016</b>
Name and mailing address of the ISA/ Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450 Facsimile No. 571-273-8300		Authorized officer Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774