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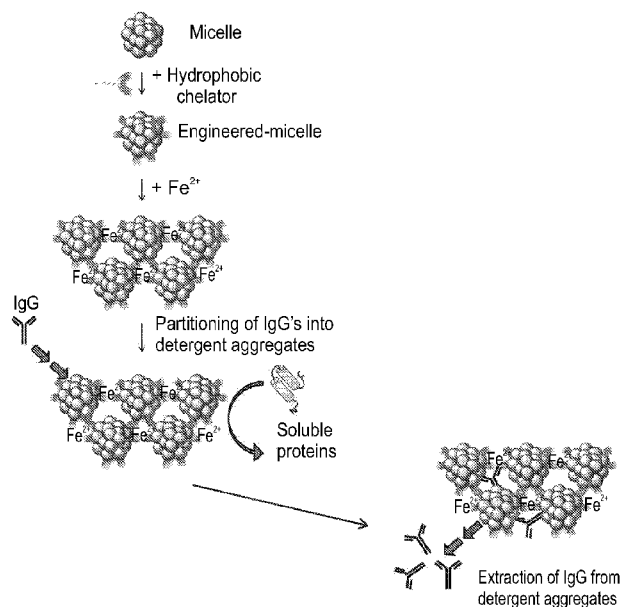
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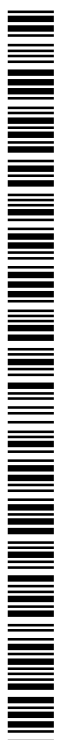
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(54) Title: METHODS OF PURIFYING ANTIBODIES

FIG. 1



(57) Abstract: A method of isolating an antibody is disclosed. The method comprises contacting a hydrophobic chelator, a non-ionic detergent and metal ions so as to generate an aggregate comprising the hydrophobic chelator, the detergent and the metal ions; and contacting the aggregate with a medium comprising the antibody under conditions that allow partitioning of the antibody into the aggregate. Kits for isolating the antibody are also disclosed.



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 ADD.

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B. FIELDS SEARCHED
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EPO-Internal, BIOSIS, EMBASE, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2017/121668 A1 (SHEVES MORDECHAI [IL] ET AL) 4 May 2017 (2017-05-04) [0187-0189]; [0020]-[0031]; claims 1-42	4-13, 20-24, 28-32
A	US 2012/053328 A1 (YAN LIN [US] ET AL) 1 March 2012 (2012-03-01) claims 1-20 ----- -/--	1-32

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 20 August 2018	Date of mailing of the international search report 12/11/2018
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Klee, Barbara
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INTERNATIONAL SEARCH REPORT

International application No
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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.
A	MCDONALD P ET AL: "Selective antibody precipitation using polyelectrolytes: a novel approach to the purification of monoclonal antibodies", BIOTECHNOLOGY AND BIOENGINEERING, WILEY, US, vol. 102, no. 4, 1 March 2009 (2009-03-01) , pages 1141-1151, XP003026475, ISSN: 0006-3592, DOI: 10.1002/BIT.22127 [retrieved on 2008-09-19] page 1144, column 2, paragraph 3 - page 1146	1-36
X	----- KUMAR ASHOK ET AL: "Purification of histidine-tagged single-chain Fv-antibody fragments by metal chelate affinity precipitation using thermoresponsive copolymers", BIOTECHNOLOGY AND BIOENGINEERING, vol. 84, no. 4, 20 November 2003 (2003-11-20), pages 494-503, XP002783967, ISSN: 0006-3592, DOI: 10.1002/bit.10810	1-3, 14-19, 25-27, 33-36
Y	abstract page 495, column 2, paragraph 2; page 496, column 2, paragraph 2, 3; page 496, column 1, paragraph 2. -----	4-13, 20-24, 28-32

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IL2018/050506

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2017121668	A1	04-05-2017	NONE

US 2012053328	A1	01-03-2012	NONE
