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(54) Title: ANALYSIS OF PHARMACEUTICAL SOLUBILITY AND STABILITY

(57) Abstract: Methods and systems are disclosed that can be used for the automated preparation and analysis of mixtures comprising a compound-of-interest (e.g., the active ingredient of a pharmaceutical composition) and one or more excipients. Specific embodiments of the invention are particularly suited for the precise preparation and screening of small amounts of excipients, compounds-of-interest, and mixtures thereof. The invention is also well suited for the preparation and screening of small amounts of mixtures comprising high concentrations of compounds-of-interest.



WO 2004/041202 A3

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/53

US CL : 435/7.1

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)

U.S. : 435/7.1

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)
EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,338,820 B1 (HUBBARD et al) 15 January 2002 (15.01.2002), see entire document.	1-18
Y,E	US 6,544,193 B2 (ABREU) 08 April 2003 (08.04.2003), see entire document.	1-18
Y	US 6,306,659 B1 (PARCE et al) 23 October 2001 (23.10.2001), see entire document.	1-18
Y	US 2001/0044112 A1 (LYLES) 22 November 2001 (22.11.2001), see entire document.	1-18
A,P	US 6,485,703 B1 (COTE et al) 26 November 2002 (26.11.2002), see entire document.	1-18
A	US 5,922,616 (DENNISON et al) 13 July 1999 (13.07.1999), see entire document.	1-18

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

☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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