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(54) Title: METHODS OF ACOUSTIC MEASUREMENT AND CONTROL OF PHARMACEUTICAL SPRAYS

(57) Abstract: Methods of modulating a characteristic of a pharmaceutical compound spray by acoustic measurement and control of the pharmaceutical spray are disclosed. The methods include analyzing a selected characteristic of a pharmaceutical compound spray utilizing acoustic measurement to develop corresponding acoustic data. The methods further include controlling the selected characteristic by applying acoustic excitation to the pharmaceutical compound spray in accordance with the acoustic data developed.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/38698

A. CLASSIFICATION OF SUBJECT MATTER IPC: A61K 9/12(2006.01),9/14(2006.01);G01N 1/10(2006.01) USPC: 424/45,46,486;250/288 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. : 424/45, 46, 486; 250/288 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) WEST, NPL (SCIRUS, GOOGLE).		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 20040091541 A1 (UNGER) 13 May 2004 (13.05.2004), See entire document, specially sections [0111], [0147], [0152], [0182], [0187], [0317], [0349].	1-40
☐ 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	"&" document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed	
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer <i>Jamuna Sharma</i> Mina Haghighatian Telephone No. 571-272-0600