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(54) Title: SOLID PHASE SYNTHESIS OF SALTS OF ORGANIC ACID

(57) Abstract: A process for the solid-phase synthesis of salts of organic acids in a granular, free-flowing, and dust-free form particularly suited for use as animal feed additives. A liquid organic acid is applied to an inert, absorbent carrier. A solid base is then added during stirring. The acid is slowly released from the carrier preventing the fast reactions that lead to the formation of clumps. The exothermic reaction releases heat which assists in reducing the moisture content of the product.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/23956

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 9/14

US CL : 424/489

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. : 424/489; 426/635,648,806,807; 556/114,131; A23K 1/00,1/18,1/175; A23L 1/30

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)
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C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,795,615 A (NELSON et al) 18 August 1998 (18.08.1998), columns 2-4	1, 2, 5
A	US 5,221,673 A (BUDAI et al) 22 June 1993 (22.06.1993), column 3, lines 31-45, column 7	4, 5, 7
A	US 5,935,625 A (HJØRNEVIK et al) 10 August 1999 (10.08.1999), columns 1-6	4, 5, 7

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

☐ See patent family annex.

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