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08/017,936 16 February 1993 (16.02.93) US			
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(54) Title: PROCESS AND COMPOSITION FOR SWEET JUICE FROM CUCURBITACEAE FRUIT			
(57) Abstract			
<p>The present invention involves processes preparation of a sweet juice from fruit of the <i>Cucurbitaceae</i> family comprising the following steps: (a) separating peels and seeds from the juice; (b) optionally acidifying the juices; (c) removing off-flavor precursors from the juice; and (d) removing a methylene chloride extractable volatiles fraction containing off-flavor materials from the juice. The present invention also involves sweet juices from the fruit of the <i>Cucurbitaceae</i> family comprising less than about 100 ppm (dry basis) methionine, and from about 0.1 % to about 15 % (dry basis) sweet terpene glycoside.</p>			

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INTERNATIONAL SEARCH REPORT

Inter: nal Application No
PCT/US 94/01689

A. CLASSIFICATION OF SUBJECT MATTER

IPC 5 A23L2/02 A23L2/26 A23L1/236 A23L1/222

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)

IPC 5 A23L

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 practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US,A,4 084 010 (T.TAKEMOTO ET AL.) 11 April 1978 see claims 8,9; examples see column 3, line 4-7 ---	1,3,7
X	DATABASE WPI Section Ch, Week 7803, Derwent Publications Ltd., London, GB; Class B03, AN 78-05150A & JP,A,52 143 257 (NIPPON SHOJI) 29 November 1977 see abstract --- -/--	1,3,4

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Inter nal 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	CHEMICAL AND PHARMACEUTICAL BULLETIN, vol.38, no.7, 1990, TOKYO JP pages 2030 - 2032 K.MATSUMOTO ET AL. 'Minor cucurbitane-glycosides from fruits of Siraita grosvernori(Cucurbitaceae)' cited in the application see the whole document ---	1,10
A	JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY., vol.33, no.3, 1985, WASHINGTON US pages 348 - 350 H.C.MAKAPUGAY ET AL. 'High-performance liquid chromatographic analysis of the major sweet principle of Lo Han Kuo fruits' see the whole document ---	1,10
A	AGRICULTURAL AND BIOLOGICAL CHEMISTRY, vol.53, no.12, 1989, TOKYO JP pages 3347 - 3349 R.KASAI ET AL. 'Sweet cucurbitane glycosides from fruits of Siraita siamensis (chi-zi luo-han-guo), a Chinese folk medecine' see the whole document -----	1,10

information on patent family members

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