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(54) Title: NUTRIENT FEED SOLUTION

(57) Abstract: This invention relates to a method for providing nutrients to a plant, a nutrient feed solution containing such nutrients, and a process and composition for obtaining the nutrient feed solution. In particular, the invention provides a nutrient feed solution, particularly a dilute inorganic acid solution, for application to the aerial parts of a plant, wherein the nutrient feed solution comprises nutrients having molecules that are sufficiently small to pass rapidly through a plant cuticle.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. C05G3/00

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)
C05G

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)
EPO-Internal, COMPENDEX, BIOSIS, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 197 53 057 A1 (BAUR PETER DR [DE]) 2 June 1999 (1999-06-02) column 1, line 1 - line 12; claim 14 column 6, line 24 - line 44 column 5, line 49 - line 64 column 4, line 43 - line 45 examples 1,2 claim 4	1-17
X	Z.-H. SHU, W. Y.-J. WU, G.H. OBERLY, E.E. CARY:. "permeability of peach leaf cuticles to boron" JOURNAL OF PLANT NUTRITION, vol. 17, no. 7, 1994, pages 1231-1242, XP008090203 page 1232; sequence INTRODUCTION page 1237; table 2; sequence DISCUSSION page 1233; sequence PERMEABILITY STUDY	1-17

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[X] Further documents are listed in the continuation of Box C.

[X] See patent family annex.

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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Cardin, Aurélie

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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	SCHONHERR JORG: "Characterization of aqueous pores in plant cuticles and permeation of ionic solutes" J. EXP. BOT.; JOURNAL OF EXPERIMENTAL BOTANY AUGUST 2006, vol. 57, no. 11, August 2006 (2006-08), pages 2471-2491, XP002476320 the whole document	1-8, 13-15,17
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A	DATABASE WPI Week 199741 Derwent Publications Ltd., London, GB; AN 1997-436220 XP002476323 & CN 1 116 192 A (SONG K) 7 February 1996 (1996-02-07) abstract	9-12

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EP 0771774 A	07-05-1997	NONE	
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