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(71) Solicitante *(para todos los Estados designados salvo US)*: **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS** [ES/ES]; Serrano, 117, 28006 MADRID (ES).

(72) Inventores; e

(75) Inventores/Solicitantes *(para US solamente)*: **FRANCO REDREJO, Maribel** [ES/ES]; Estación Experimental "La Mayora", Consejo Superior de Investigaciones Científicas, Algarrobo-Costa, 29750 MÁLAGA (ES). **AGUILAR AGUILAR, Juan, Manuel** [ES/ES]; Estación Experimental "La Mayora", Consejo Superior de Investigaciones Científicas, Algarrobo-Costa, 29750 MÁLAGA (ES). **FERNÁNDEZ MARCO, Cristina** [ES/ES]; Estación Experimental "La Mayora", Consejo Superior de Investigaciones Científicas, Algarrobo-Costa, 29750 MÁLAGA (ES). **DÍAZ PENDÓN, Juan** [ES/ES]; Estación Experimental "La Mayora", Consejo Superior de Investigaciones Científicas, Algarrobo-Costa, 29750 MÁLAGA (ES). **RODRÍGUEZ CEREZO, Emilio** [ES/ES]; Centro Nacional de Biotecnología, Consejo Superior de Investigaciones Científicas, CSIC. Campus de Cantoblanco, 28049 Madrid (ES). **ARANDA REGULES, Miguel, Angel** [ES/ES]; Centro Edaf. y Biol. aplicada del Segura, Consejo Superior de Investigaciones Científicas, Apartado 164, 30100 Espinardo (Murcia) (ES).

(74) Mandatario: **REPRESA SÁNCHEZ, Domingo**; Consejo Superior de Investigaciones Científicas, Oficina de Transferencia de Tecnología, C/Serrano, 113 - 2ª planta, 28006 MADRID (ES).

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Publicada:
— *con informe de búsqueda internacional*
— *antes de la expiración del plazo para modificar las reivindicaciones y para ser republicada si se reciben modificaciones*

Para códigos de dos letras y otras abreviaturas, véase la sección "Guidance Notes on Codes and Abbreviations" que aparece al principio de cada número regular de la Gaceta del PCT.

(54) Title: METHOD OF GENERATING RESISTANCE AGAINST CUCURBIT YELLOW STUNTING DISORDER VIRUS (CYSDV) IN PLANTS, GENETIC CONSTRUCTIONS USED AND CYSDV-RESISTANT PLANTS THUS PRODUCED

(54) Título: MÉTODO PARA GENERAR RESISTENCIA FRENTE AL VIRUS DEL AMARILLEO Y ENANISMO DE LAS CUCURBITÁCEAS (CYSDV) EN PLANTAS, CONSTRUCCIONES GENÉTICAS USADAS Y PLANTAS RESISTENTES A CYSDV OBTENIDAS MEDIANTE DICHO MÉTODO

(57) Abstract: The invention relates to a nucleic acid construction comprising a first nucleotide sequence capable of regulating the transcription of a second nucleotide sequence in a plant, said second nucleotide sequence comprising: (i) a nucleotide sequence corresponding to a fragment of the RNA1 of the Cucurbit yellow stunting disorder virus (CYSDV) and (ii) an inverted repeat of all or part of the aforementioned nucleotide sequence (i). The above-mentioned construction can be used to generate resistance against CYSDV in plants susceptible to infection by said virus.

(57) Resumen: Se describe una construcción de ácido nucleico que comprende una primera secuencia de nucleótidos capaz de regular la transcripción en una planta de una segunda secuencia de nucleótidos, comprendiendo dicha segunda secuencia de nucleótidos: (i) una secuencia de nucleótidos correspondiente a un fragmento del RNA1 del Virus del amarilleo y enanismo de las cucurbitáceas (CYSDV), y (ii) una repetición invertida de la totalidad o parte de dicha secuencia de nucleótidos (i). Dicha construcción puede utilizarse para generar resistencia frente a CYSDV en plantas susceptibles a la infección por dicho virus.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N 15/11, 15/40, A01H 5/00

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)

IPC 7 C12N

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)

CAPLUS, MEDLINE, BIOSIS, EMBASE, WPI, EMBL (Nucleotide Sequence Database)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WATERHOUSE ET AL., Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antidense RNA. Proc. Natl.Acad. Sci. 1998, vol 95, pp13959-13964. **Quoted in the application.**	1-2,5-11,13-28
Y	CELIX, ANA ET AL Characterization of cucurbit yellow stunting disorder virus, a Bemisia tabaci-transmitted closterovirus Phytopathology (1996), 86(12), 1370-1376. **Quoted in the application.**	1-2,5-11,13-28
A	KLAASSEN V.A.,ET AL., Genome structure and phylogenetic analysis of lettuce infectious yellowsvirus, a whitefly-transmitted, bipartite closterovirus Virology, 1995 208(1):99-110	1-28
A	WO 9502056 A2 (THE UPJOHN COMPANY) 19 **January** 1995	1-28

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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