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(54) Title: METHOD OF PLASTID TRANSFORMATION IN ASTERACEAE, VECTOR FOR USE THEREIN AND PLANTS
THUS OBTAINED

(57) Abstract: The present invention relates to a method for the transformation of plastid genomes of plant species, in particular *Asteraceae* plant species, comprising the steps of providing a transformation vector carrying a DNA sequence of interest; subjecting a plant material, which comprises plastids, to a transformation treatment in order to allow the plastids to receive the transformation vector; placing the thus treated plant material for a period of time into contact with a culture medium without selection agent; subsequently placing the plant material into contact with a culture medium comprising a selection agent; and refreshing the culture medium comprising a selection agent to allow plant material comprising plastids that have acquired the DNA of interest to grow into transformants.



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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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EPO-Internal, WPI Data, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 05265 A (BAILEY ANA MARIA ;INVEST Y DE ESTUDIOS AVANZADOS (MX); BLOWERS ALA) 4 February 1999 (1999-02-04) page 43, line 13 - line 23 page 45, line 20 -page 46, line 2; examples 2,10	1-13, 16-33, 36-40
X	WO 01 81605 A (MONSANTO TECHNOLOGY LLC) 1 November 2001 (2001-11-01) example 3	1-13, 16-33, 36-40

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

☒ Patent family members are listed in annex.

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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.
X	HIBBERD JULIAN M ET AL: "Transient expression of green fluorescent protein in various plastid types following microprojectile bombardment" PLANT JOURNAL, vol. 16, no. 5, December 1998 (1998-12), pages 627-632, XP002275465 ISSN: 0960-7412 page 629; figures 3C,3D	36,37, 39,40
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Information on patent family members

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