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(71) Applicant and

(72) Inventor: PYEE, Jae-Ho [KR/KR]; 1241-805 Mock-ryun APT., 1091-1(31/2), Shanbon-dong, Gunpo-city, Kyunggi-do 435-040 (KR).

(74) Agent: LEE, Duck-ro; 2nd Fl., Yeil Bldg. 700-19 Yorksam-dong, Kangnam-gu, Seoul 135-918 (KR).

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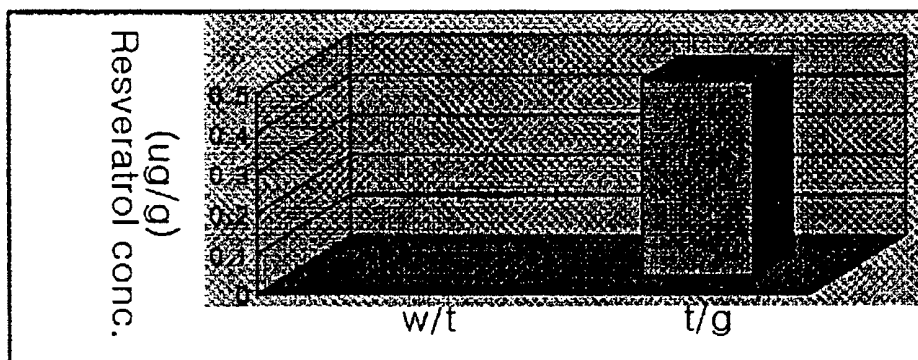
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(54) Title: NOVEL TRANSGENIC TOBACCO RESTRAINING ACTIVITY OF HARMFUL MATERIALS THEREOF



[Example]

w/t : Wild type tobacco leaves

t/g : Leaves of transgenic plants(3W1)

(57) Abstract: The present invention relates to novel transgenic tobacco which restrains activity of harmful materials of it by using resveratrol biosynthesis gene of *Vitis vinifera* X *Vitis labrusca* L. cv. Kyoho.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER**IPC7 C12N 15/29**

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)

IPC7 C12N, A01H

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

Korean Patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, PAJ, USP, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5500367 A (BAYER AKTIENGESELLSCHAFT) 19 MARCH 1996 see column 10, line 38- column 12, line 20	1- 4
Y	US 5589046 A (BAYER AKTIENGESELLSCHAFT) 18 NOVEMBER 1997 see the whole document	1- 4
A	HAIN R. et al., "Expression of a stilbene synthase gene in Nicotiana tabacum results in synthesis of the phytoalexin resveratrol." Plant Mol Biol 1990 Aug;15(2), p325-35. see abstract	4
A	BERTELLI A. et al., "Resveratrol, a natural stilbene in grapes and wine, enhances intraphagocytosis in human promonocytes: a co-factor in antiinflammatory and anticancer chemopreventive activity.", Int J Tissue React 1999;21(4), p93-104. see abstract	1

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

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Korean Intellectual Property Office
 Government Complex-Daejeon, 920 Dunsan-dong, Seo-gu,
 Daejeon Metropolitan City 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

CHOI, Kyu Whan

Telephone No. 82-42-481-5595



INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5500367 A	19.03.96	DE 4107396 A	02.02.92
		EP 464461 A2	18.03.92
		JP 6319568 A2	22.11.94
US 5689046 A	18.11.97	DE 3733017 A1	13.04.89
		EP 309862 A1	05.04.89
		JP 1101888 A2	19.04.89