



**FOR THE PURPOSES OF INFORMATION ONLY**

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

<b>AL</b>	Albania	<b>ES</b>	Spain	<b>LS</b>	Lesotho	<b>SI</b>	Slovenia
<b>AM</b>	Armenia	<b>FI</b>	Finland	<b>LT</b>	Lithuania	<b>SK</b>	Slovakia
<b>AT</b>	Austria	<b>FR</b>	France	<b>LU</b>	Luxembourg	<b>SN</b>	Senegal
<b>AU</b>	Australia	<b>GA</b>	Gabon	<b>LV</b>	Latvia	<b>SZ</b>	Swaziland
<b>AZ</b>	Azerbaijan	<b>GB</b>	United Kingdom	<b>MC</b>	Monaco	<b>TD</b>	Chad
<b>BA</b>	Bosnia and Herzegovina	<b>GE</b>	Georgia	<b>MD</b>	Republic of Moldova	<b>TG</b>	Togo
<b>BB</b>	Barbados	<b>GH</b>	Ghana	<b>MG</b>	Madagascar	<b>TJ</b>	Tajikistan
<b>BE</b>	Belgium	<b>GN</b>	Guinea	<b>MK</b>	The former Yugoslav Republic of Macedonia	<b>TM</b>	Turkmenistan
<b>BF</b>	Burkina Faso	<b>GR</b>	Greece			<b>TR</b>	Turkey
<b>BG</b>	Bulgaria	<b>HU</b>	Hungary	<b>ML</b>	Mali	<b>TT</b>	Trinidad and Tobago
<b>BJ</b>	Benin	<b>IE</b>	Ireland	<b>MN</b>	Mongolia	<b>UA</b>	Ukraine
<b>BR</b>	Brazil	<b>IL</b>	Israel	<b>MR</b>	Mauritania	<b>UG</b>	Uganda
<b>BY</b>	Belarus	<b>IS</b>	Iceland	<b>MW</b>	Malawi	<b>US</b>	United States of America
<b>CA</b>	Canada	<b>IT</b>	Italy	<b>MX</b>	Mexico	<b>UZ</b>	Uzbekistan
<b>CF</b>	Central African Republic	<b>JP</b>	Japan	<b>NE</b>	Niger	<b>VN</b>	Viet Nam
<b>CG</b>	Congo	<b>KE</b>	Kenya	<b>NL</b>	Netherlands	<b>YU</b>	Yugoslavia
<b>CH</b>	Switzerland	<b>KG</b>	Kyrgyzstan	<b>NO</b>	Norway	<b>ZW</b>	Zimbabwe
<b>CI</b>	Côte d'Ivoire	<b>KP</b>	Democratic People's Republic of Korea	<b>NZ</b>	New Zealand		
<b>CM</b>	Cameroon			<b>PL</b>	Poland		
<b>CN</b>	China	<b>KR</b>	Republic of Korea	<b>PT</b>	Portugal		
<b>CU</b>	Cuba	<b>KZ</b>	Kazakistan	<b>RO</b>	Romania		
<b>CZ</b>	Czech Republic	<b>LC</b>	Saint Lucia	<b>RU</b>	Russian Federation		
<b>DE</b>	Germany	<b>LI</b>	Liechtenstein	<b>SD</b>	Sudan		
<b>DK</b>	Denmark	<b>LK</b>	Sri Lanka	<b>SE</b>	Sweden		
<b>EE</b>	Estonia	<b>LR</b>	Liberia	<b>SG</b>	Singapore		

**INTERNATIONAL SEARCH REPORT**

International Application No  
PCT/EP 99/03158

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC 6 C12N15/29 C07K14/415 C12N5/10 A01H5/00 C07K16/16		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) IPC 6 C12N C07K		
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)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE GENBANK 'Online! 20 June 1995 (1995-06-20) BOER PH, AND GRAY MW: "CLAMYDOMONAS REINHARDTII MITOCHONDRIAL 16S-LIKE SMALL SUBUNIT S-1 RIBOSOMAL DNA" XP002119001 the whole document &amp; BOER PH, GRAY MW: "SCRAMBLED RIBOSOMAL RNA GENE PIECES IN CHLAMYDOMONAS REINHARDTII MITOCHONDRIAL DNA" CELL, vol. 55, no. 3, 1988, pages 399-411, ----- -/--</p>	22
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex.		
* Special categories of cited documents :		
<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&amp;" document member of the same patent family</p>
Date of the actual completion of the international search		Date of mailing of the international search report
15 October 1999		09/11/1999
Name and mailing address of the ISA 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		Authorized officer  Bilang, J

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 99/03158

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CRUZ-GARCIA F, ET AL.: "EFFECT OF STIMULATING MAIZE GERMINATION ON CELL CYCLE PROTEINS" PHYSIOLOGIA PLANTARUM, vol. 102, no. 4, April 1998 (1998-04), pages 573-581, XP002118995	30
Y	figure 1	1-30
Y	WO 97 47745 A (PELAYO SANZ BURGOS ANDRES ;XIE QI (ES); CONSEJO SUPERIOR INVESTIGA) 18 December 1997 (1997-12-18) the whole document	1-30
Y	GRAFI G, LARKINS BA: "E2F- AND E1A-ASSOCIATED KINASE ARE INVOLVED IN REGULATING ENDOREDUPLICATION DURING MAIZE ENDOSPERM DEVELOPMENT" JOURNAL OF CELLULAR BIOCHEMISTRY SUPPLEMENT, vol. 0, no. 21A, 1995, page 450 XP002118996 abstract	1-30
Y	HUNTLEY R, ET AL.: "THE MAIZE RETINOBLASTOMA PROTEIN HOMOLOGUE ZMRB-1 IS REGULATED DURING LEAF DEVELOPMENT AND DISPLAYS CONSERVED INTERACTIONS WITH G1/S REGULATORS AND PLANT CYCLIN D (CYCD) PROTEINS" PLANT MOLECULAR BIOLOGY, vol. 37, no. 1, May 1998 (1998-05), pages 155-169, XP002118997 the whole document	1-30
A	VIDAL M ET AL.: "GENETIC CHARACTERIZATION OF A MAMMALIAN PROTEIN-PROTEIN INTERACTION DOMAIN BY USING A YEAST REVERSE TWO-HYBRID SYSTEM" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES, USA, vol. 93, September 1996 (1996-09), pages 10321-10326, XP002118998 the whole document	
P,X	GUTIERREZ C: "THE RETINOBLASTOMA PATHWAY IN PLANT CELL CYCLE AND DEVELOPMENT" CURRENT OPINION IN PLANT BIOLOGY, vol. 1, no. 6, December 1998 (1998-12), pages 492-497, XP002118999 page 495	1-30

INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP 99/03158

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
T	<p>RAMIREZ-PARRA E, ET AL.: "THE CLONING OF PLANT E2F, A RETINOBLASTOMA-BINDING PROTEIN, REVEALS UNIQUE AND CONSERVED FEATURES WITH ANIMAL G1/S REGULATORS" NUCLEIC ACIDS RESEARCH, vol. 27, no. 17, September 1999 (1999-09), pages 3527-3533, XP002119000 the whole document</p> <p>-----</p>	

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP 99/03158

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9747745 · A	18-12-1997	WO 9747647 A	18-12-1997
		AU 3257997 A	07-01-1998
		CA 2257828 A	18-12-1997
		EP 0914436 A	12-05-1999

---