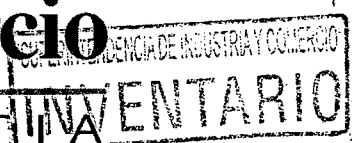




PGT

Industria y Comercio

SUPERINTENDENCIA



**SOLICITUD
PATENTE DE INVENCION**

10-23989

21. EXPEDIENTE N°

54. TÍTULO MEDIOS DE VISIÓN PARA EL AUMENTO EN LA

CALIDAD DE GOLOSINAS.

51. CLASIFICACIÓN INTERNACIONAL B07C 5/34

71. SOLICITANTE CFS WEERT B.V.

DOMICILIO Weert, Países Bajos.

74. APODERADO DILIA MARIA RODRIGUEZ D'ALEMAN

22. BOGOTÁ, D.C. _____

Título, Curr
13-04-2010



No. 10-023989- -00000-0000

Fecha: 2010-03-01 15:42:59 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALI
Act. 411 PRESENTACION Folios: 63

**FORMULARIO ÚNICO DE SOLICITUD DE PATENTE
PCT
ENTRADA EN FASE NACIONAL**

1

SOLICITUD DE:

☒

Patente de Invención

☐

Patente de Modelo de Utilidad

☐

Capítulo I.

☒

Capítulo II.

2

**SOLICITANTE
(71)**

Nombre: CFS WEERT B.V.

Dirección: Postbus 296, NL-6000 AG Weert,
Países Bajos.

Nacionalidad o domicilio: Weert, Países
Bajos.

Lugar de Constitución: Países Bajos

Teléfono:

Fax:

E-mail

IDENTIFICACIÓN

C.C. ☐

NIT ☐

C.E. ☐

Otro ☐

Número

3

**REPRESENTANTE
O APODERADO
(74)**

Nombre: DILIA MARÍA RODRÍGUEZ
D'ALEMAN

Dirección: Carrera 11 No. 86-53, piso 6

Teléfono: 6 181088 **Fax:** 6350824

E-mail: clarkemodet@clarkemodet.com.co

IDENTIFICACIÓN

C.C. ☒

NIT ☐

C.E. ☐

Otro ☐

Número 41.654.882
TP 20824 CSJ

4

**INVENTOR (ES)
(72)**

Nombre: DE ROO, Ronald, Lambertus, Joseph, Hendrikus

Dirección: Tus 3, NL-5507 MG Veldhoven, Países Bajos.

Nacionalidad o domicilio: Holandes

5 **PCT (86)**

Solicitud Internacional No. PCT/EP2008/007480 Fecha 11 de septiembre de 2008

Publicación Internacional No. WO 2009/033682 A3 Fecha 19 de marzo de 2009

6 **TÍTULO (54)** MEDIOS DE VISIÓN PARA EL AUMENTO EN LA CALIDAD DE GOLOSINAS.

(Folios 69)

7 **Clasificación Internacional (51)** B07C 5/34 B65B 57/02

8 **Prioridad**

SI ☒ NO ☐

(33) País de Origen
EUROPA

(32) Fecha
13 de septiembre de 2007

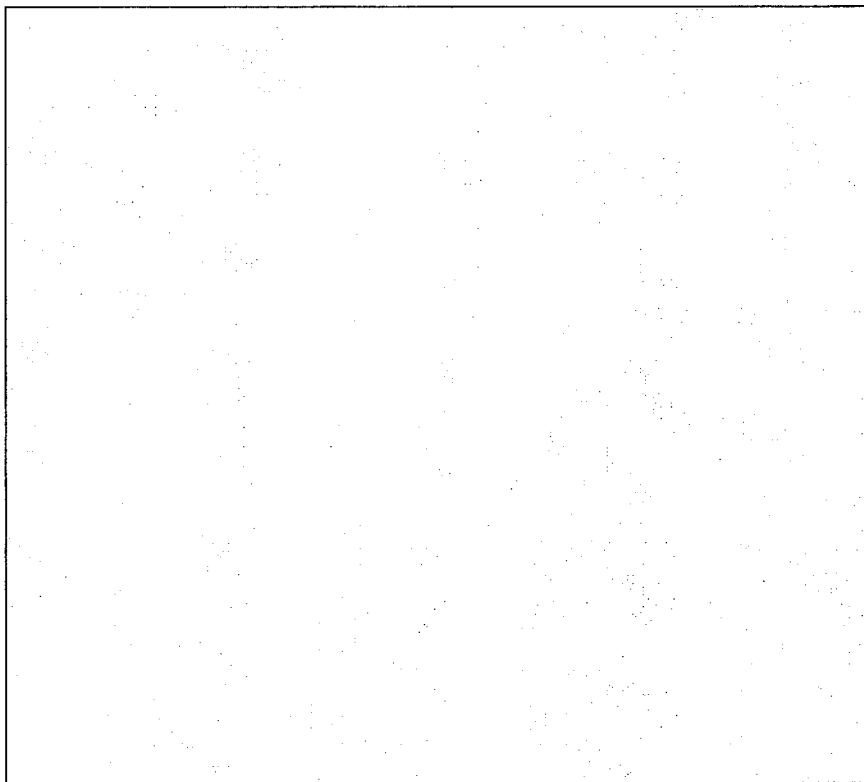
(31) Número de Solicitud
07017963.5

9 **Comprobante de pago No.** 10-10.925 // 10-7.072 // 10-11.072 // 10-7.137

Fecha 10/02/10 // 29/01/10 // 10/02/10 // 29/01/10

- ☒ Comprobante de pago de la tasa de presentación de la solicitud
- ☒ Documento que acredita la existencia y representación legal cuando el solicitante sea persona jurídica
- ☒ Poderes si fuere el caso
- ☐ Documento de cesión del inventor al solicitante o a su causante
- ☐ Declaraciones
- ☒ Copia de la solicitud internacional. (Resumen, descripción, reivindicaciones, dibujos)
- ☒ Traducción de la solicitud internacional al castellano. (Resumen, descripción, reivindicaciones, dibujos)
- ☒ Copia del examen preliminar internacional efectuado por la Autoridad Internacional de Examen Preliminar (IPEA).
- ☐ Traducción del examen preliminar internacional efectuado por la IPEA
- ☐ De ser el caso copia de contrato de acceso.
- ☐ De ser el caso, documento que acredite la licencia o autorización de uso de conocimientos tradicionales de las comunidades indígenas
- ☐ De ser el caso, certificado de deposito del material biológico
- ☐ Arte final 12 X 12 .
- ☐ De ser el caso, información sobre otras solicitudes de patente o títulos obtenidos en el extranjero por el mismo titular o su causante, relacionadas parcial o totalmente con la invención de esta solicitud.
- ☐ De ser el caso, modificaciones efectuadas a la solicitud internacional
- ☒ Otros *Opinión escrita.

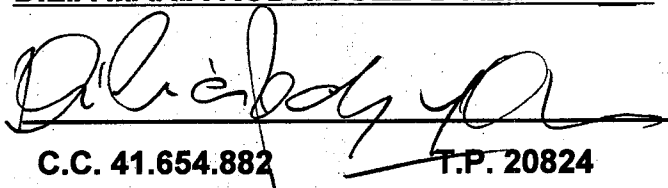
11 FIGURA CARACTERÍSTICA



12 Solicito la concesión de la patente

NOMBRE : DILIA MARÍA RODRÍGUEZ D'ALEMAN

FIRMA:


C.C. 41.654.882 T.P. 20824

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

RECIBO OFICIAL DE CAJA : 10 - 10,925
FECHA : FEBRERO 10 DE 2010

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-023989- -00000-0000

Fecha: 2010-03-01 15:42:59 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALII
Act. 411 PRESENTACION Folios: 63

***** CONSIGNACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
CLARKE MODET Y CO. COLOMB	CONSIGNACION	BANCO DE BOGOTA	062754387	175684132	10/02/2010	68,215,000.00

***** CONCEPTO *****

CANT.	RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1	50005-01-01	SOLICITUDES	
		114 PTC CAP-II EXAMEN DE PATENTIBILID	470,000.00
		TOTAL :	\$ 470,000.00

SON: CUATROCIENTOS SETENTA MIL PESOS

RESPONSABLE :

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

P-2472
2

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

RECIBO OFICIAL DE CAJA : 10 - 7,072
FECHA : ENERO 29 DE 2010

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-023989- -00000-0000

Fecha: 2010-03-01 15:42:59 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALI.II
Act. 411 PRESENTACION Folios: 63

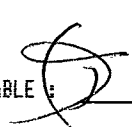
***** CONSIGNACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
CLARKE MODET Y CO. COLOMBRECIBO DE CAJA				7006	29/01/2010	12,105,000.00

***** CONCEPTO *****

CANT.	RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1	50005-01-01 SOLICITUDES	83 INVOCACION DE UNA PRIORIDAD EN SI	155,000.00
		TOTAL :	\$ 155,000.00

SON: CIENTO CINCUENTA Y CINCO MIL PESOS

RESPONSABLE : 

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

CERTIFICACION DE EXCEDENTE : 10 - 11,072
FECHA : FEBRERO 10 DE 2010

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-023989- -00000-0000

Fecha: 2010-03-01 15:42:59 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALII
Act. 411 PRESENTACION Folios: 63

***** CONSIGNACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PAGO	Vr. PAGO
CLARKE MODET Y CO. COLOMB	CONSIGNACION	BANCO DE BOGOTA	062754387	175684132	10/02/2010	68,215,000.00

***** CONCEPTO *****

CANT.	RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1	50005-01-09	OTROS SERVICIOS DE PROPIEDAD I	
		99 OTROS SERVICIOS ADMINISTRATIVOS	5,000.00
		TOTAL :	\$ 5,000.00

SON: CINCO MIL PESOS

RESPONSABLE : 

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

ESTA CERTIFICACION DE EXCEDENTE DE PAGO SOLO PODRA SER UTILIZADA
COMO PARTE DE LA CANCELACION DE UNA TARIFA VIGENTE Y NO PODRA SER
SUSTITUIDA POR NINGUN RECIBO.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

NIT : 800176089-2

CERTIFICACION DE EXCEDENTE : 10 - 7,137
FECHA : ENERO 29 DE 2010

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



No. 10-023989-00000-0000

Fecha: 2010-03-01 15:42:59 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALI
Act. 411 PRESENTACION Folios: 63

***** CONSIGNACION *****

DEPOSITANTE	TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PGO	Vr. PAGO
CLARKE MODET Y CO. COLOMBRECIBO DE CAJA				7006	29/01/2010	12,105,000.00

***** CONCEPTO *****

CANT.	RENTISTICO	CONCEPTO	TOTAL CONCEPTO
1	50005-01-09	OTROS SERVICIOS DE PROPIEDAD I	
		99 OTROS SERVCIOS ADMINISTRATIVOS	2,000.00
		TOTAL :	\$ 2,000.00

SON: DOS MIL PESOS

RESPONSABLE :

RECIBO DE CAJA APLICADO AL EXPEDIENTE No. _____

ESTA CERTIFICACION DE EXCEDENTE DE PAGO SOLO PODRA SER UTILIZADA
COMO PARTE DE LA CANCELACION DE UNA TARIFA VIGENTE Y NO PODRA SER
SUSTITUIDA POR NINGUN RECIBO.

COLOMBIA

Carrera 11 N° 86-53 Piso 6 Bogotá Colombia Tel: (57 1) 6181088 Fax: (57 1) 6350824 Email: info@clarkemodet.com.co

PODER

Yo (nosotros), abajo firmante(s)

Aart PLOMP

en mi (nuestro) carácter de representante(s) legales de

CFS WEERT B.V.

una sociedad organizada y existente de acuerdo con las leyes de Países Bajos

y en actual cumplimiento de su objeto social, con domicilio en Postbus 296, NL-6000 AG Weert, Países Bajos

por el presente instrumento confiero (conferimos) poder especial a favor de DILIA MARIA RODRIGUEZ D'ALEMAN, con Cédula de Ciudadanía No. 41.654.882 de Bogotá, y tp. 20824 y CLAUDIA LUCIA CARO RAMIREZ, con Cédula de Ciudadanía No. 40.017.374 de Tunja, y tp. 36448, con domicilio en Bogotá, Colombia, para que actuando en su orden en nombre del (de la) otorgante le (la) representen ante cualquier entidad, autoridad y/o persona, especialmente ante las del orden Administrativo, Contencioso Administrativo, Judicial, Tribunales de Arbitramento y/o cualquier otro en lo referente a los siguientes asuntos:

- 1) Solicitar, tramitar, obtener y/o registrar cualquiera de las modalidades de Propiedad Industrial, tales como: patentes de invención, modelos de utilidad; diseños industriales, variedades vegetales; marcas, lemas, nombres y enseñanzas comerciales y denominaciones de origen; así como sus renovaciones, prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias.
- 2) Solicitar, tramitar, obtener y/o registrar derechos de autor, en cualquiera de sus presentaciones así como la protección de secretos industriales y know-how.
- 3) Solicitar, tramitar, obtener y/o registrar registros sanitarios, permisos y/o licencias de funcionamiento; así como sus renovaciones o prórrogas, transferencias, cambios de nombre y/o domicilio, contratos y licencias.
- 4) Ejercer acciones de oposición, observación, reclamos, reconsideración, reposición, apelación, cancelación administrativa o judicial, nulidad, protección al consumidor, concesión de licencias, protección de secretos industriales y demás acciones y recursos relacionados con derechos derivados de los asuntos arriba indicados y en contra de la competencia desleal, acciones derivadas de la obtención o explotación de licencias, acciones de indemnización de perjuicios. También podrá(n) intervenir en juicios civiles, comerciales, penales, contencioso-administrativos, tutelas y de policía; en acciones o juicios promovidos por el (la) mandante o en contra el (ella).
- 5) Registrar nombres de dominio ante la entidad competente.
- 6) En el ejercicio de este mandato los mandatarios arriba mencionados quedan facultados para: conciliar, cancelar, transigir, comprometer en árbitros, desistir, recibir y tomar posesión de la cosa objeto de litigio y renunciar o desistir a derechos concedidos o en curso de concesión, admitir los hechos del proceso.
- 7) Ratificar o no la agencia oficiosa.
- 8) Así mismo faculto (facultamos) a los mencionados apoderados para recibir notificaciones y designar apoderados judiciales o extrajudiciales, sustituir el presente poder y revocar las sustituciones que hicieren.

Dado y firmado en

a los días de

POWER OF ATTORNEY

I (we), the undersigned

Aart PLOMP

legal representative(s) of

CFS WEERT B.V.

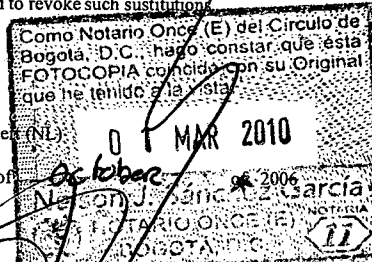
an organization existing under the laws of THE NETHERLANDS

and in present execution of its business activity, domiciled at

Postbus 296, NL-6000 AG Weert, (NL).

do hereby grant POWER OF ATTORNEY to DILIA MARIA RODRIGUEZ D'ALEMAN, identification card No. 41.654.882 of Bogotá, and tp. 20824 and CLAUDIA LUCIA CARO RAMIREZ, tp. 36448, identification card No. 40.017.374 of Tunja, residing in Bogotá, Colombia, to act in the order of their appointment in behalf of grantor before any entity, authority and/or natural or juridical person, specially before those Administrative, Administrative-Contentious, Judicial, arbitration courts, and/or any other, in all matters concerning the following:

- 1) To apply, process, obtain and/or register any of the modalities of Industrial Property, such as: Patents of Invention, Utility Models; Designs, plant varieties; Marks, Slogans, Trade Names and emblems and appellations of Origin; as well as their renewals, assignments, changes of name and/or domicile, agreements and licenses.
- 2) To apply, process, obtain and/or register copyrights of any kind as well as protection of industrial secrets or know-how.
- 3) To apply, process, obtain and/or register sanitary registrations, operating authorizations and/or licenses; as well as their renewals or assignments, changes of name and/or domicile, agreements and licenses.
- 4) To bring actions of opposition, observations, claims, reconsideration, appeal or legal remedies, cancellations, nullity, protection to the consumer, granting of licenses, protection of trade secrets and other actions related with rights derived from the above-mentioned matters and against the unfair competition, actions resulting from the obtaining or exploitation of licenses, recovering damages actions. They can also intervene or participate in Civil, Commercial, Criminal or Contentious-Administrative Trials; the actions for writ mandamus, police actions; in actions, lawsuits or litigations instituted by the grantor or against him.
- 5) To register domain names before the competent entity.
- 6) To the effect of this mandate the above-named proxy are empowered to: conciliate, cancel, settle, submit to arbitration, withdraw and to receive and take possession of the litigation related objet and waive or renounce the rights granted or in process of granting, admit the facts of the case.
- 7) To ratify or not the officious agency.
- 8) I (we) hereby appoint the afore mentioned attorneys with powers to receive notifications and to designate judicial and extrajudicial attorneys, substitute this Power of Attorney and to revoke such substitutions.



Granted and signed at Weert (NL)

on this 5 day of October 2006

Firma / signature

TRADUCCION OFICIAL No. 006

JUAN PABLO PIEDRAHITA ALCANTARA

TRADUCTOR E INTERPRETE OFICIAL

RES. 718 DE MAYO 2003

INTERIOR Y DE JUSTICIA

Seen for legalization of the signature of:

A. Plomp

by me, civil-law notary, on this 5th day of October 2006



Malherbe

APOSTILLE

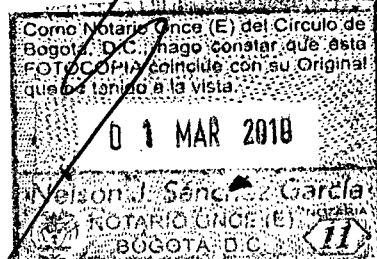
(Convention de La Haye du 5 octobre 1961)

1. Country: *Netherlands*
This public document
2. has been signed by *Mr. L.D. Malherbe*
3. acting in the capacity of *Notaris*
4. bears the seal/stamp of *Notaris te Weert*

Certified

5. at *Rammond* 6. the *6-10-2006*
7. by *Wendy van der Grinten Lichtveld*
8. N° *06-570*
9. Seal/stamp: *[Signature]*
10. Signature: *[Signature]*

TRADUCCION OFICIAL No. *10*
JUAN PABLO PIEDRAHITA AGUILERA
TRADUCTOR E INTERPRETE OFICIAL
N.º. 118 DE MAYO 2003
DEL MIN. INTERIOR Y DE JUSTICIA



CERTIFICADO NOTARIAL

(Cuando el solicitante es SOCIEDAD)

(Poderes otorgados en: El Salvador, Estados Unidos, México y Venezuela)

A los _____ días del mes de _____ de _____
, el Notario que suscribe DA FE de que:

1. _____
(nombre de la persona que firma el poder)

mayor de edad y domiciliado en _____
_____ firmó de su puño
y letra el documento que antecede.
2. Conoce al (a la) otorgante y que este (a) está legalmente capacitado
para el otorgamiento.
3. El otorgante ha firmado el referido documento en su carácter
de _____
de la persona jurídica _____
4. La citada persona jurídica con sede en _____ está legalmente
constituida, que tiene actualmente
existencia legal y que el acto para el cual se ha otorgado este
poder está comprendido entre los que constituyen su objeto social.
5. El otorgante tiene efectivamente la representación que ostenta, que
esta es legítima y que está facultado para otorgar este poder.
6. Las anteriores certificaciones de los puntos 3, 4 y 5, me constan porque
he tenido a la vista los documentos auténticos.

Notario Público

NOTA: A continuación de lo anterior, el Cónsul de Colombia debe
autenticar la firma del Notario Público.

CERTIFICADO NOTARIAL (Cuando el solicitante es INDIVIDUO)

A los _____ días del mes de _____ de _____
, el Notario que suscribe DA FE de que:

1. _____
(nombre de la persona que firma el poder)

mayor de edad y domiciliado en _____
_____ firmó en su presencia
el documento que antecede, conoce al otorgante y que este está
legalmente capacitado para el otorgamiento.

Notario Público

NOTA: A continuación de lo anterior, el Cónsul de Colombia debe
autenticar la firma del Notario Público.

Para todos los demás países el Señor Cónsul de Colombia o ante
quien se otorgue, debe expedir una certificación dejando constancia
1) de la existencia legal de la sociedad, 2) de que esta ejerce
actualmente su objeto social, y 3) de que la persona o personas que
otorgan el poder están facultadas para hacerlo, dejando
constancia así mismo de que tuvo a la vista las pruebas que acrediten
tales circunstancias.

LEGALIZACIÓN POR EL CONSUL DE COLOMBIA O POR APOSTILLA

NOTARIAL CERTIFICATE

(When the applicant is a CORPORATION)

(Powers of attorney granted in: El Salvador, Mexico, U.S.A. and Venezuela)

This 5th day of October 2006,
the undersigned Notary CERTIFIES that:

1. Aart PLOMP
(name of the person who signs the power of attorney)

of legal age and domiciled in _____, THE NETHERLANDS, set his hand on
the foregoing document.
2. The grantor is to him personally known and that he/she has legal capacity to
execute the document.
3. The grantor has executed the foregoing document in his capacity of
MANAGING DIRECTOR
of the juridical person CFS WEERT B.V.
4. The mentioned juridical person with place of business in Postbus 296, NL-
6000 AG Weert, (NL)
is duly organized, has actual legal existence and corporate purposes for which
the power of attorney is granted are within the scope of its corporate purposes.
5. The grantor has in fact the required quality and that his/her
representation is legal and that he/she is empowered to grant this power
of attorney.
6. I have based the above certifications 3, 4 and 5 on the documents
which for such purpose were exhibited to me.

NOTA: Then the Colombian Consul must legalize the signature of the Notary
Public.

NOTARIAL CERTIFICATE (When the applicant is an INDIVIDUALS)

On this _____ day of _____
the undersigned Notary CERTIFIES that:

1. _____
(name of the person who signs the Power of Attorney)

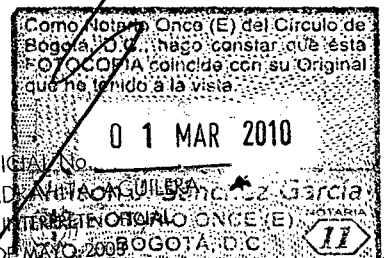
of legal age and domiciled at _____
signed in his presence the foregoing
document, the grantor is to him personally known and that he/she has legal
capacity to execute the document.

Notary Public

NOTA: Then the Colombian Consul must legalize the signature of the Notary
Public.

For all other countries the Colombian Consul or before who it is granted
must issue a certification stating 1) the legal existence of the corporation,
2) that the corporate purposes are actually being accomplished, 3) that
the person or persons who grant this Power of Attorney are empowered to
do it. The Consul will certify also that the documents evidencing those
circumstances were exhibited to him.

LEGALIZATION BY THE COLOMBIAN CONSUL OR BY APOSTILLE.



TRADUCCION OFICIAL No. _____
JUAN PABLO PIEDRAHITA GARCIA
TRADUCTOR E INTERPRETE OFICIAL
RES. 718 DE MAYO 2005 BOGOTÁ, D.C.
DEL MIN. INTERIOR Y DE JUSTICIA

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: Colombia
This public document
2. has been signed by ma L.D. Malhebe
3. acting in the capacity of Notario
4. bears the seal/stamp of Notario

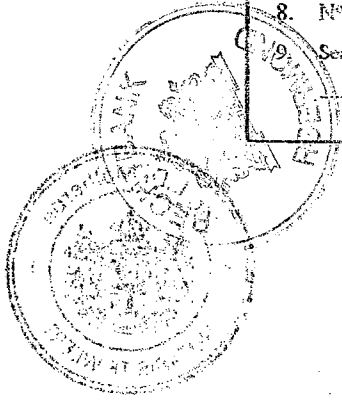
Certified

5. at Remond 6. the 6-10-2006
7. by ma giffu Richtbark Remond
8. No 06-572
9. Seal/stamp:

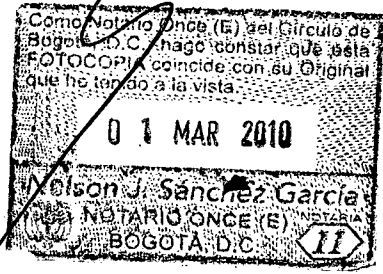
10. Signature:

E.P. Boudoin, Wtd.

E.P. Boudoin, Wtd.



TRADUCCION OFICIAL No. _____
JUAN PABLO PIEDRAHITA AGUILERA
TRADUCTOR E INTERPRETE OFICIAL
RES. 718 DE MAYO 2003
DEL MIN. INTERIOR Y DE JUSTICIA



12 770

TRADUCCIÓN OFICIAL No. 06/472 de un documento escrito en inglés, el cual para su identificación se sella con el sello del traductor al tiempo con la presente. Esta traducción ha sido preparada por Juan Pablo Piedrahita Aguilera, Traductor e Intérprete Oficial debidamente reconocido de conformidad con el Certificado de Idoneidad Profesional No. 0045 expedido por la Universidad Nacional de Colombia, por el Ministerio de Relaciones Exteriores y autorizado por el Ministerio del Interior y de Justicia, por resolución número 718 de 2003.

(Se traduce poder otorgado por la compañía CFS WEERT B.V., firmado por Aart PLOMP, con fecha 5 de Octubre, 2006, certificado notarial, y Apostillas Nos.06-570, escritos en inglés.)

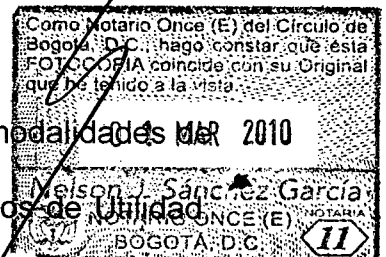
COLOMBIA

(Dirección en español)

PODER

Yo (nosotros) el (los) suscrito(s) Aart PLOMP representante(s) legal(es) de CFS WEERT B.V., sociedad constituida y existente bajo las leyes de Holanda y en actual cumplimiento de su objeto social, con domicilio en Postbus 296, NL-6000 AG Weert (NL), por el presente por el presente confiero (conferimos) poder especial a favor de a DILIA MARÍA RODRÍGUEZ D'ALEMÁN, identificada con cédula de ciudadanía No. 41.654.882 de Bogotá y Tarjeta Profesional 20824 y CLAUDIA LUCIA CARO RAMIREZ, identificada con Tarjeta Profesional 36448 y cédula de ciudadanía No 40.017.374 de Tunja, con domicilio en Bogotá, Colombia, para que actuando en su orden en nombre de la otorgante la representen ante cualquier entidad, autoridad y/o persona, especialmente ante las del orden Administrativo, Contencioso Administrativo, Judicial, Tribunales de Arbitramento y/o cualquier otro en lo referente a la siguiente:

1) Solicitar, tramitar, obtener y/o registrar cualesquiera de las modalidades de Propiedad Industrial, tales como: Patentes de Invención, Modelos de Utilidad, Diseños Industriales, variedades vegetales, Marcas, Lemas, Nombres y Enseñas Comerciales y Denominaciones de Origen, así como sus



renovaciones, prórrogas, traspasos, cambios de nombre y/o domicilio, contratos y licencias.

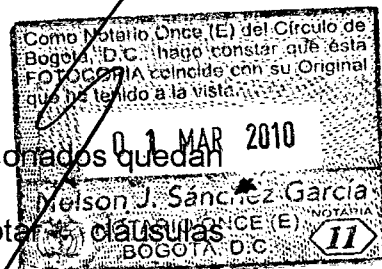
2) Solicitar, tramitar, obtener, y/o registrar derechos de autor, en cualquiera de sus presentaciones así como la protección de secretos industriales y know-how.

3) Solicitar, tramitar, obtener y/o registrar registros sanitarios, permisos y/o licencias de funcionamiento; así como sus renovaciones o prórrogas, cesiones, traspasos, cambios de nombre y/o domicilio, contratos y licencias.

4) Ejercer acciones de oposición, observación, reclamos, reivindicaciones, reconsideración, reposición, apelación, cancelación administrativa o judicial, nulidad, protección al consumidor, concesión de licencias, protección de secretos industriales y demás acciones y recursos relacionados con derechos derivados de los asuntos arriba indicados y en contra de la competencia desleal, acciones derivadas de la obtención o explotación de licencias, acciones de indemnización de perjuicios. También podrán intervenir en juicios civiles, comerciales, penales, contencioso-administrativos, tutelas y de policía; acciones o juicios promovidos por el mandante o contra él.

5) Registrar nombres de dominio ante la entidad competente.

6) En el ejercicio de este mandato los mandatarios arriba mencionados quedan facultados para: conciliar, cancelar, transigir, aceptar, transcribir, compromisorias, desistir, recibir y tomar posesión de la cosa objeto de litigio y renunciar o desistir derechos concedidos o en curso de concesión, admitir los



hechos del proceso.

7) Ratificar o no la agencia oficiosa.

8) Así mismo facultamos a los mencionados apoderados para recibir notificaciones y designar apoderados judiciales o extrajudiciales, sustituir el presente poder y revocar las sustituciones que hicieren.

Dado y firmado en Weert (NL), hoy día 5 de Octubre, 2006.

Por: (Firmado)

Visto para legalización de la firma de A Plomp, por mí, notario del derecho civil,
hoy día 5 de Octubre, 2006.

(Sello Notarial a tinta) (Firma)

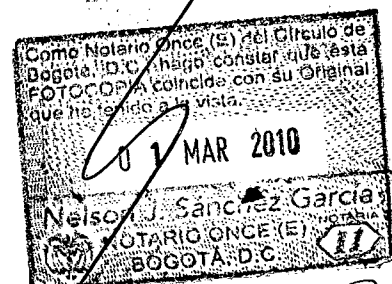
APOSTILLA

(Convención de la Haya de Octubre 5 de 1961)

1. País: HOLANDA
2. Este documento público ha sido firmado por Mr. Ld. Malherbe
3. Obrando en calidad de Notario
4. Lleva el sello/estampilla del Notario

CERTIFICADA

5. en Rousmond 6. el día 6-10-2006
7. por el ilegible
8. No. **06-570**
9. Sello (Sello Redondo a Tinta)



06/472
TRADUCCION OFICIAL No. _____
JUAN PABLO PIEDRAHITA ALONSO
TRADUCTOR E INTERPRETE OFICIAL
RES. 218 DE MARZO 2001
DEL MIN. INTERIOR Y DE JUSTICIA

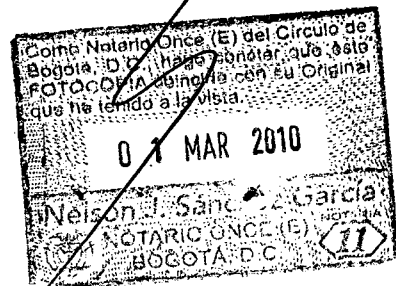
MINISTERIO DE
RELACIONES EXTERIORES

509650
Juan Piedrahita
CUYA FIRMA APARECE EN EL
DOCUMENTO DESEMPENA
LAS FUNCIONES INDICADAS

NO SE ASUME
RESPONSABILIDAD DEL TEXTO

2006 OCT 24 P 1:22

Ugo
JEFE DE LEGALIZACIONES
BOGOTÁ D.C.



10. Firma: (Firmado) Ilegible

CERTIFICADO NOTARIAL (Cuando el solicitante es una SOCIEDAD)

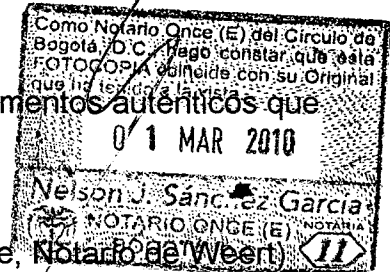
(Poderes otorgados en El Salvador, México, Estados Unidos de América y Venezuela)

Expedido hoy día 5 de Octubre, 2006, el suscrito Notario CERTIFICA que:

- 1). Aart PLOMP, (nombre de quien firma el poder), mayor de edad y domiciliado en HOLANDA, suscribió el anterior documento.
- 2) El otorgante le es conocido personalmente y tiene capacidad para firmar el documento.
- 3) El otorgante ha suscrito el anterior documento en su calidad de DIRECTOR GERENTE de la persona jurídica CFS WEERT B.V.
- 4) La mencionada persona jurídica con domicilio comercial en Postbus 296, NL-6000 AG Weert (NL), está debidamente constituida, tiene actualmente existencia legal y el fin para el cual se otorga este poder se encuentra dentro de su objeto social.
- 5) El otorgante tiene en efecto la capacidad referida y su representación es legal y está autorizado para otorgar este poder.
- 6) Fundamento las certificaciones 3), 4) y 5) en los documentos auténticos que para tal fin me fueron exhibidos.

(Firmado) Ilegible, (Sello Notarial a tinta: Mr. Ld. Malherbe, Notario de Weert)

Nota: El Consulado de Colombia debe autenticar la firma del Notario Público



TRADUCCION OFICIAL No. 1067472
JUAN PABLO PIEDRAHITA AGUILERA
TRADUCTOR E INTERPRETE OFICIAL
RES. 718 DE MAYO 2000
DEL MIN. INTERIOR Y DE JUSTICIA

Para todos los demás países el Señor Cónsul de Colombia o ante quien se otorgue, debe expedir una certificación dejando constancia de: 1) la existencia legal de la sociedad, 2) que cumple actualmente con su objeto social, y 3) que la persona o personas que otorgan este poder están facultadas para hacerlo. El Cónsul también certificará que los tuvo a la vista los documentos que prueban y acreditan tales circunstancias.

LEGALIZACIÓN POR EL CÓNSUL DE COLOMBIA A O POR APOSTILLA

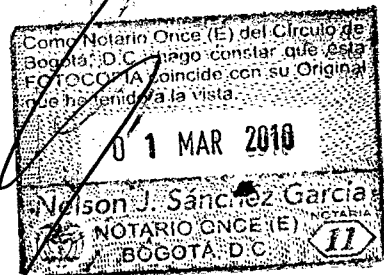
APOSTILLA

(Convención de la Haya de Octubre 5 de 1961)

1. País: HOLANDA
2. Este documento público ha sido firmado por Mr. Ld. Malherbe
3. Obrando en calidad de Notario
4. Lleva el sello/estampilla del Notario

CERTIFICADA

5. en Rousmond
6. el día 6-10-2006
7. por el ilegible
8. No. **06-570**
9. Sello (Sello Redondo a Tinta)
10. Firma: (Firmado) Ilegible



ES TRADUCCIÓN FIEL Y COMPLETA de la cual se deja copia en los archivos de esta oficina para su confrontación y a la cual me remito.
Bogotá, , 2006.

TRADUCCIÓN OFICIAL No. 1061412
JUAN PABLO PIEDRAHITA AGUILERA
TRADUCTOR E INTERPRETE OFICIAL
RES. 718 DE MAYO 2003
DEL MIN. INTERIOR Y DE JUST.

MINISTERIO DE
RELACIONES EXTERIORES

NO SE ASUME
RESPONSABILIDAD DEL TEXTO

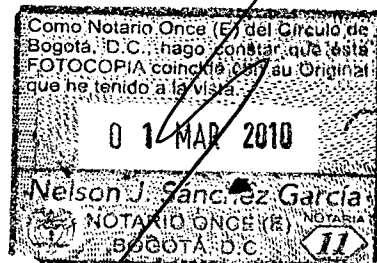
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2006 00724 P 1:23

Juan Piedrahita

CUYA FIRMA APARECE EN EL
DOCUMENTO DESEMPEÑA
LAS FUNCIONES INDICADAS

lluo
JEFE DE LEGALIZACIONES
BOGOTÁ D.C.



MEDIOS DE VISIÓN PARA EL AUMENTO EN LA CALIDAD DE GOLOSINAS

La presente invención se refiere a una máquina para producir y/o envolver golosinas.

Estas máquinas son conocidas del estado de la técnica y producen golosinas, por ejemplo chupetines, a niveles de producción muy elevados. Estas golosinas son a continuación envueltas en numerosos casos en papel o películas de plástico. El incremento en cuanto a la calidad de estos productos, como también su envoltura, es una demanda constante en esta industria.

En consecuencia, el objeto de la presente invención consiste en proveer una máquina para producir y/o envolver golosinas, que mantenga e incremente un nivel constante de calidad.

Este problema es satisfecho mediante una máquina para producir y/o envolver golosinas, la cual comprende medios para analizar un producto y/o su envoltura.

La invención está relacionada con máquinas para producir y/o envolver golosinas. Tales máquinas son conocidas del estado de la técnica. La presente invención se refiere especialmente a máquinas para producir y/o envolver chupetines.

De acuerdo a la presente invención, esta máquina comprende medios para analizar un producto, tal como chupetines y/o la envoltura de estos productos.

Estos medios pueden, por ejemplo, analizar si el

producto presenta una superficie y/o un contorno correcto.

Más aun, estos medios pueden analizar si el color del producto es el apropiado. Más aun, los medios analizadores pueden analizar si el volumen, la forma y/o el contenido del producto es(son) correcto(s). Por ejemplo, los chupetines pueden comprender goma de mascar y los medios para analizar el producto pueden controlar si existe la goma de mascar y/o si la goma de mascar tiene el tamaño correcto y/o consistencia correcta.

Mas aun, los medios para analizar el producto pueden controlar si el producto está envuelto y, en caso que el mismo esté envuelto, si el proceso de envolvimiento ha sido llevado a cabo en forma correcta, lo cual significa controlar si se ha usado el material de envoltura correcto y si el producto, por ejemplo, ha sido envuelto en su totalidad. Más aun, los medios para analizar la envoltura pueden controlar si los sellados del material de envoltura, en caso que estén provistos, son correctos. El material de envoltura puede ser una película simple o doble. El material de envoltura puede ser conformado; es decir, envuelto alrededor del producto, enrollado y/o plegado. Este enrollado y/o plegado puede ser asegurado por medio de un sello o lo similar. Los medios pueden controlar la calidad de estas operaciones de plegado o si las operaciones han sido llevadas a cabo en forma adecuada.

Si el producto de golosina debe ser etiquetado, los medios para analizar el producto pueden controlar si la etiqueta está presente, y en caso afirmativo, si es la etiqueta correcta.

Preferentemente, los medios para analizar el producto y/o su envoltura, proveen una señal que es usada para controlar el proceso de clasificación. La clasificación puede ser llevada a cabo de manera que los productos y/o sus envolturas, los cuales no satisfacen un cierto estándar, sean separados. Más aun, si diferentes productos son producidos en una misma máquina, la señal puede ser usada para clasificar los productos en ciertos grupos después de su producción. Diferentes productos de acuerdo a la presente invención son productos con diferente consistencia, configuración y/o envoltura.

Los medios para analizar el producto, pueden ser cualesquiera medios conocidos por una persona entendida en estas técnicas, los cuales son capaces de analizar cierta característica de un producto y/o su envoltura. Preferentemente, estos medios son sistemas de registro de imagen, tal como una cámara, un escáner de superficie en base a radiación, tal como un escáner láser, preferentemente un escáner láser 2D y/o escáneres de volumen en base a radiación, por ejemplo, sensores de rayos X. Estos medios determinan, por ejemplo, las dimensiones, la forma, el color,

la estructura superficial, la temperatura, el envoltorio, una etiqueta, las cuales son comparadas preferentemente con una referencia y basado en esta comparación, tiene lugar preferentemente una clasificación.

Los valores determinados son preferentemente almacenados en una base de datos asociada con la máquina inventiva.

El análisis puede ser bidimensional, como también tridimensional.

De acuerdo a una modalidad preferida de realización de la presente invención, una característica es medida por el medio para analizar un producto y comparada con otra medición realizada en el mismo producto y/o un valor de referencia, llevándose a cabo la clasificación de productos en base al resultado de esta comparación.

La máquina inventiva comprende preferentemente un sistema de iluminación, tal como un sistema de iluminación a contraluz, para el producto y/o la envoltura. Esta modalidad preferida de realización es particularmente útil si los medios para analizar están constituidos por una cámara, puesto que los contornos del producto y/o de la envoltura son resaltados por esta iluminación a contraluz.

Los productos son transportados preferiblemente por medios transportadores que transportan los productos de manera de pasar por los medios para analizar. Mientras los productos se encuentran en la vecindad del medio para

analizar, se miden sus respectivas características. Estas características son medidas preferentemente durante el movimiento del producto.

Estos medios transportadores pueden comprender medios de mordaza, los cuales sujetan el producto a los medios de transporte.

Estos medios de mordaza son usados preferentemente como medios para activar los medios para analizar, siendo llevado a cabo de esta manera el análisis mientras el producto se encuentra en la vecindad de los medios para analizar. Más aun o alternativamente, los medios de mordaza pueden ser usados como una referencia de ubicación para los medios de análisis de manera que los medios de análisis saben cuando se debe llevar a cabo el análisis.

La posición de los medios transportadores es preferentemente seguida durante su movimiento, especialmente si los mismos llevan el producto que debe ser separado. Debido al seguimiento de la posición de los medios de mordaza, la máquina inventiva sabe cuando las máquinas de mordaza se encuentran, por ejemplo, por encima del recipiente de descarte, de manera que los mismos pueden desechar los productos falsos en dicho recipiente de descarte. En caso de una detención y reiniciación de la máquina inventiva, también resulta importante que la ubicación de los medios de mordaza que sujetan los productos falsos sea conocida.

La presente invención será explicada a continuación en conexión con las figuras 1 a 4. Estas explicaciones no limitan el alcance de protección.

La figura 1 ilustra una vista de frente de la máquina inventiva.

La figura 2 ilustra una vista lateral de la máquina inventiva.

La figura 3 ilustra un chupetín envuelto, sujetado por los medios de mordaza.

La figura 4 ilustra un chupetín no envuelto, sujetado por los medios de mordaza.

La figura 1 ilustra la máquina inventiva, la cual comprende medios transportadores 5. Estos medios transportadores 5 están constituidos en el presente ejemplo por piñones dentados 7 que accionan cadenas 6. Sobre estas cadenas 6 están dispuestos medios de mordaza 8, los cuales sujetan el producto, en el presente caso, el palillo 9 de un chupetín 2. Los chupetines 2 son transportados por las máquinas transportadoras en forma continua según se ilustra mediante la flecha. Durante su transporte, los mismos son transportados de manera de pasar por medios para analizarlos, en el presente caso una cámara 1. Por debajo del producto y de la cámara está dispuesto un sistema de iluminación 4, una contraluz, la cual ilumina el producto como también el palillo con la finalidad de mejorar sus contornos para la

cámara 1. El chupetín 2 se encuentra ubicado entre el sistema de iluminación 4 y la cámara 1.

La figura 2 ilustra una vista lateral de la máquina, de acuerdo a la figura 1. De la misma se desprende claramente que la máquina presenta dos piñones dentados 7 que accionan cadenas (no ilustradas) a las cuales están fijados numerosos medios de mordaza 8.

La figura 3 ilustra los medios de mordaza 8, los cuales sujetan el palillo 9 de un chupetín 2, el cual está envuelto en una película de plástico 3. Más aun, en esta ilustración se pueden distinguir dos áreas de medición 10. Una de dichas áreas se encuentra en la vecindad del palillo no envuelto, y otra en la vecindad del chupetín en donde el material de envoltura está enrollado alrededor del palillo y sellado. En estas áreas de medición, la cámara y un software combinado con esta cámara, miden las extensiones respectivamente. Si la extensión de la porción cerrada hacia el chupetín no es mayor que la extensión del palillo, el software extrae la conclusión que el chupetín no está envuelto y debe ser separado. En el presente caso, la extensión medida en la proximidad del chupetín es mayor que la extensión del palillo, por lo cual se concluye que el chupetín está envuelto y en consecuencia considerado como un producto "bueno". Sin embargo, la cámara 1 no solamente detecta la presencia de una envoltura, sino también detecta a modo de

ejemplo, la calidad del sellado. Si la extensión medida en la proximidad del chupetín es mayor que la extensión del palillo, pero no excede cierto valor, se puede extraer la conclusión que el enrollamiento está demasiado apretado y/o el sello del enrollamiento es demasiado intenso. Estos chupetines también son separados puesto que los mismos no pueden ser abiertos fácilmente por el consumidor. También se descartan aquellos chupetines que presentan una extensión próxima a la del chupetín que es demasiado larga. En este caso está presente la envoltura, sin embargo, el enrollamiento del material de envoltura y/o su sellado es incompleto, por lo cual la posibilidad que la envoltura se desprenda es elevada.

La figura 4 ilustra un chupetín que no está envuelto. La máquina inventiva comprenderá que en ambas áreas de medición la extensión medida es la misma y concluirá que el chupetín no está envuelto. Consecuentemente, la posición de este medio de mordaza es seguida y en cuanto el mismo se encuentra sobre el recipiente de descarte (por favor compare figura 1), el chupetín es soltado hacia el recipiente.

Una persona entendida en estas técnicas, entenderá que la máquina no solamente puede medir si una envoltura está en su lugar, y si la operación de envolvimiento ha sido llevada a cabo en forma correcta. Los medios de análisis 1 también pueden analizar si el producto tiene la forma y/o el color

correcto. Lo mismo vale también para el material de envoltura. La cámara puede analizar si se ha usado el material correcto de envoltura y si está presente una etiqueta, en caso que fuese necesario. En caso que los medios de análisis 1 no estén constituidos por una cámara, sino por ejemplo, por medios de rayos X, también se puede analizar el interior del producto.

Más aun, los medios de análisis pueden comprender un medio de medición de temperatura para medir si el producto tiene la temperatura correcta.

Descripta que ha sido la naturaleza de la presente invención y la manera de llevarla a la práctica, se declara que lo que se reivindica como de invención y propiedad exclusiva es:

-----SIGUEN LAS REIVINDICACIONES EN LA PÁGINA - 10 -----

REIVINDICACIONES

1.- Máquina para producir y/o envolver golosinas, CARACTERIZADA porque comprende medios (1) para analizar un producto (2) y/o su envoltura (3).

2.- Máquina para producir y/o envolver golosinas según la reivindicación 1, CARACTERIZADA porque los medios (1) proveen una señal, la cual es usada para controlar un proceso de clasificación.

3.- Máquina para producir y/o envolver golosinas según la reivindicación 2, CARACTERIZADA porque los productos deficientes y/o los productos deficientemente envueltos, son separados.

4.- Máquina para producir y/o envolver golosinas según la reivindicación 2 o 3, CARACTERIZADA porque los productos son clasificados de acuerdo a la señal del medio (1).

5.- Máquina para producir y/o envolver golosinas según al menos una de las reivindicaciones precedentes, CARACTERIZADA porque el medio (1) está constituido por un sistema de registro de imagen, un escáner de superficie basado en radiación y/o un escáner de volumen basado en radiación.

6.- Máquina para producir y/o envolver golosinas según al menos una de las reivindicaciones precedentes, CARACTERIZADA porque el análisis es bi o tridimensional.

7.- Máquina para producir y/o envolver golosinas según

al menos una de las reivindicaciones precedentes, CARACTERIZADA porque el medio de análisis (1) mide al menos una característica del producto o de la envoltura,

8.- Máquina para producir y/o envolver golosinas según la reivindicación 7, CARACTERIZADA porque la característica medida es comparada con otra característica medida o un valor de referencia, siendo llevada a cabo la clasificación en función del resultado de esta comparación.

9.- Máquina para producir y/o envolver golosinas según al menos una de las reivindicaciones precedentes, CARACTERIZADA porque comprende un sistema de iluminación (4) para el producto y/o la envoltura.

10.- Máquina para producir y/o envolver golosinas según al menos una de las reivindicaciones precedentes, CARACTERIZADA porque el producto es transportado por medios transportadores (5,7,8).

11.- Máquina para producir y/o envolver golosinas según la reivindicación 9, CARACTERIZADA porque los medios de transporte (8) son utilizados como medios para activar el medio de análisis.

12.- Máquina para producir y/o envolver golosinas según al menos una de las reivindicaciones 10 u 11, CARACTERIZADA porque se sigue la ubicación de los medios transportadores (8).

13.- Máquina para producir y/o envolver golosinas según

al menos una de las reivindicaciones 10 a 12, CARACTERIZADA porque productos defectuosos son soltados por encima de un recipiente de descarte.

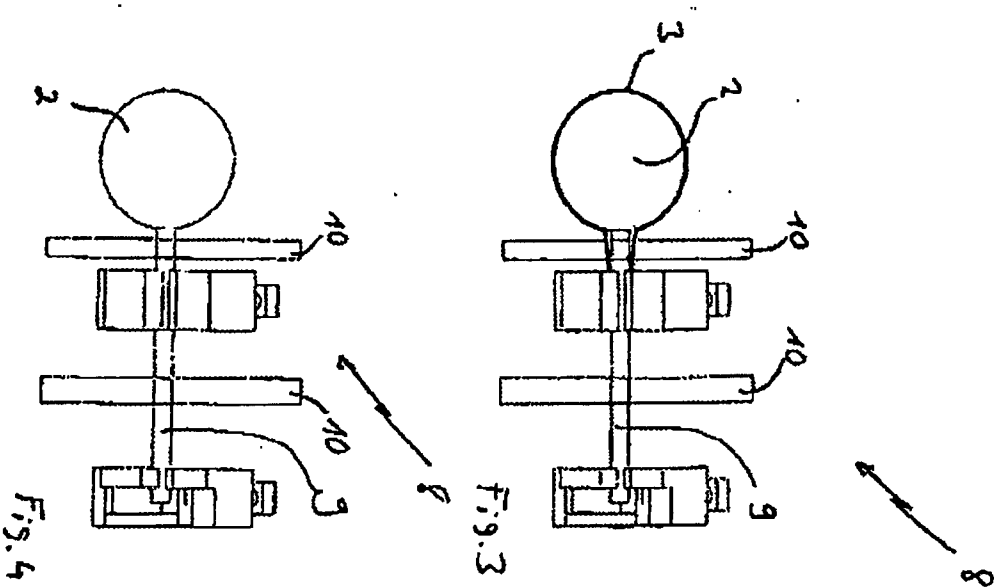
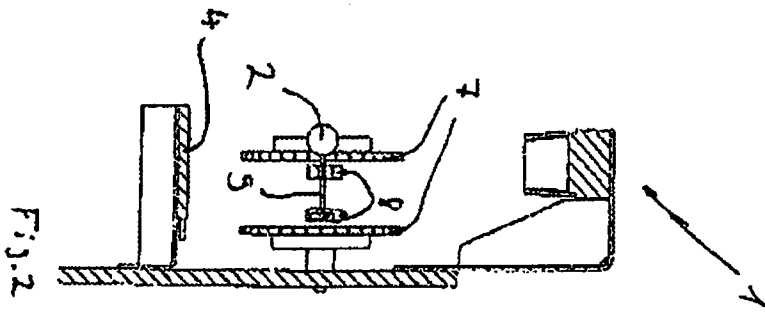
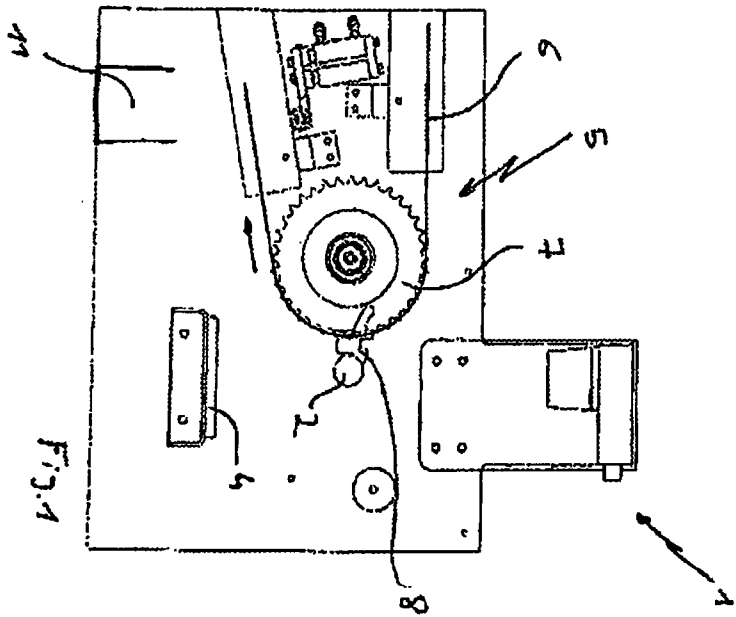
Buenos Aires,

pp. de la firma: **CFS Weert B.V.**

1972 SET. 20

MUCHALL S.R.L. - AGENTE E-190

**Ing. Manfredo C. Muchall
(A-578)**



Confirmation

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

For receiving Office use only	
PCT/EP200 8 / 0 0 7 4 8 0	
International Application no.	
11 SEP 2008	(11. 09. 08)
International Filing Date	
RO/EP	
Name of receiving Office and "PCT International Application"	
Applicant's or agent's file reference (if desired) (12 characters maximum) C10377-WO	

Box No. I TITLE OF INVENTION	
Vision means for quality increase of confectionary	
Box No. II APPLICANT ☐ This person is also inventor	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence (if no State of residence is indicated below.) CFS Weert B.V. De Fuus No. 8 NL-6006 RV Weert THE NETHERLANDS	
Telephone No. +31/495 457 777	
Facsimile No. +31/495 524 125	
Applicant's registration No. with the Office	
☐ E-mail authorization: Marking this check-box authorizes the receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, if the Office or Authority so wishes, advance copies of notifications in respect of this international application. (See also the Notes to Boxes Nos. II and III.)	
E-mail address	
State (that is, country) of nationality: NL	
State (that is, country) of residence: NL	
This person is applicant for the purposes of: ☐ all designated States ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box	
Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)	
☒ Further applicants and/or (further) inventors are indicated on a continuation sheet.	
Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE	
The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: ☒ agent ☐ common representative	
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.) WOLFF, Felix Dr. Kutzenberger & Wolff Theodor-Heuss-Ring 23 DE-50668 Köln GERMANY	
Telephone No. +49/221 973 111 0	
Facsimile No. +49/221 973 111 10	
Agent's registration No. with the Office	
☒ E-mail authorization: Marking this check-box authorizes the receiving Office, the International Searching Authority, the International Bureau and the International Preliminary Examining Authority to use the e-mail address indicated in this Box to send, if the Office or Authority so wishes, advance copies of notifications in respect of this international application. (See also the Notes to Boxes Nos. II and III.)	
E-mail address email@colonia-patent.de	
☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.	

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)*If none of the following sub-boxes is used, this sheet should not be included in the request.*

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

DE ROO, Ronald Lambertus Joseph Hendrikus
Tus 3
NL-5507 MG Veldhoven
THE NETHERLANDS

This person is:

- ☐ applicant only
☒ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:
NL

State (that is, country) of residence:
NL

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

Applicant's registration No. with the Office

State (that is, country) of nationality:

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

Supplemental Box

If the Supplemental Box is not used, this sheet should not be included in the request.

1. *If, in any of the Boxes, except Boxes Nos. VIII(i) to (v) for which a special continuation box is provided, the space is insufficient to furnish all the information: in such case, write "Continuation of Box No." (indicate the number of the Box) and furnish the information in the same manner as required according to the captions of the Box in which the space was insufficient, in particular:*
 - (i) *if more than one person is to be indicated as applicant and/or inventor and no "continuation sheet" is available: in such case, write "Continuation of Box No. III" and indicate for each additional person the same type of information as required in Box No. III. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below;*
 - (ii) *if, in Box No. II or in any of the sub-boxes of Box No. III, the indication "the States indicated in the Supplemental Box" is checked: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the applicant(s) involved and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is applicant;*
 - (iii) *if, in Box No. II or in any of the sub-boxes of Box No. III, the inventor or the inventor/applicant is not inventor for the purposes of all designated States or for the purposes of the United States of America: in such case, write "Continuation of Box No. II" or "Continuation of Box No. III" or "Continuation of Boxes No. II and No. III" (as the case may be), indicate the name of the inventor(s) and, next to (each) such name, the State(s) (and/or, where applicable, ARIPO, Eurasian, European or OAPI patent) for the purposes of which the named person is inventor;*
 - (iv) *if, in addition to the agent(s) indicated in Box No. IV, there are further agents: in such case, write "Continuation of Box No. IV" and indicate for each further agent the same type of information as required in Box No. IV;*
 - (v) *if, in Box No. VI, there are more than four earlier applications whose priority is claimed: in such case, write "Continuation of Box No. VI" and indicate for each additional earlier application the same type of information as required in Box No. VI.*
2. *If the applicant intends to make an indication of the wish that the international application be treated, in certain designated States, as an application for a patent of addition, certificate of addition, inventor's certificate of addition or utility certificate of addition: in such a case, write the name or two-letter code of each designated State concerned and the indication "patent of addition," "certificate of addition," "Inventor's certificate of addition" or "utility certificate of addition," the number of the parent application or parent patent or other parent grant and the date of grant of the parent patent or other parent grant or the date of filing of the parent application (Rules 4.11(a)(i) and 49bis.1(a) or (b)).*
3. *If the applicant intends to make an indication of the wish that the international application be treated, in the United States of America, as a continuation or continuation-in-part of an earlier application: in such a case, write "United States of America" or "US" and the indication "continuation" or "continuation-in-part" and the number and the filing date of the parent application (Rules 4.11(a)(ii) and 49bis.1(d)).*

Continuation of box no. IV:

Additional representatives are:

BROSCH, Oliver Dr.
KUTZENBERGER, Helga Dr.
BÜLLE, Jan Dr.
SCHWÖBEL, Thilo Dipl.-Phys.
Kutzenberger & Wolff
Theodor-Heuss-Ring 23
DE-50668 Köln
GERMANY

Box No. V DESIGNATIONS				
The filing of this request constitutes under Rule 4.9(a) the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents. However, ☐ DE Germany is not designated for any kind of national protection ☐ JP Japan is not designated for any kind of national protection ☐ KR Republic of Korea is not designated for any kind of national protection ☐ RU Russian Federation is not designated for any kind of national protection <i>(The check-boxes above may only be used to exclude (irrevocably) the designations concerned if, at the time of filing or subsequently under Rule 26bis.1, the international application contains in Box No. VI a priority claim to an earlier national application filed in the particular State concerned, in order to avoid the ceasing of the effect, under the national law, of this earlier national application.)</i>				
Box No. VI PRIORITY CLAIM				
The priority of the following earlier application(s) is hereby claimed:				
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country or Member of WTO	regional application: regional Office	international application: receiving Office
item (1) September 13, 2007 (13.09.2007)	EP 07 017 963.5		EP	
item (2)				
item (3)				
item (4)				
☐ Further priority claims are indicated in the Supplemental Box.				
Transmit certified copy: the receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as: ☐ all items ☒ item (1) ☐ item (2) ☐ item (3) ☐ item (4) ☐ other, see Supplemental Box				
Restore the right of priority: the receiving Office is requested to restore the right of priority for the earlier application(s) identified above or in the Supplemental Box as item(s) (). (See also the Notes to Box No. VI; further information must be provided to support a request to restore the right of priority.)				
Incorporation by reference: where an element of the international application referred to in Article 11(1)(iii)(d) or (e) or a part of the description, claims or drawings referred to in Rule 20.5(a) is not otherwise contained in this international application but is completely contained in an earlier application whose priority is claimed on the date on which one or more elements referred to in Article 11(1)(iii) were first received by the receiving Office, that element or part is, subject to confirmation under Rule 20.6, incorporated by reference in this international application for the purposes of Rule 20.6.				
Box No. VII INTERNATIONAL SEARCHING AUTHORITY				
Choice of International Searching Authority (ISA) (if more than one International Searching Authority is competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA/ EPO.....				

Continuation of Box No. VII USE OF RESULTS OF EARLIER SEARCH, REFERENCE TO THAT SEARCH

- ☒ The ISA indicated in Box No. VII is requested to take into account the results of the earlier search(es) indicated below (see also Notes to Box VII; use of results of more than two earlier searches).

Filing date (day/month/year)	Application Number	Country (or regional Office)
September 13, 2007	EP 07 017 963.5	EP

- ☒ Statement (Rule 4.12(ii)): this international application is the same, or substantially the same, as the application in respect of which the earlier search was carried out except, where applicable, that it is filed in a different language.
- ☒ Availability of documents: the following documents are available to the ISA in a form and manner acceptable to it and therefore do not need to be submitted by the applicant to the ISA (Rule 12bis.1(f)):
- ☒ a copy of the results of the earlier search,*
 - ☒ a copy of the earlier application,
 - ☐ a translation of the earlier application into a language which is accepted by the ISA,
 - ☐ a translation of the results of the earlier search into a language which is accepted by the ISA,
 - ☒ a copy of any document cited in the results of the earlier search. (If known, please indicate below the document(s) available to the ISA):
- ☒ Transmit copy of results of earlier search and other documents (where the earlier search was not carried out by the ISA indicated above but by the same Office as that which is acting as the receiving Office): the receiving Office is requested to prepare and transmit to the ISA (Rule 12bis.1(c)):
- ☒ a copy of the results of the earlier search,*
 - ☐ a copy of the earlier application,
 - ☐ a copy of any document cited in the results of the earlier search.

* Where the results of the earlier search are neither available from a digital library nor transmitted by the receiving Office, the applicant is required to submit them to the receiving Office (Rule 12bis.1(a)) (See item 11. in the check-list and also Notes to Box No. VII).

Filing date (day/month/year)	Application Number	Country (or regional Office)
------------------------------	--------------------	------------------------------

- ☐ Statement (Rule 4.12(ii)): this international application is the same, or substantially the same, as the application in respect of which the earlier search was carried out except, where applicable, that it is filed in a different language.
- ☐ Availability of documents: the following documents are available to the ISA in a form and manner acceptable to it and therefore do not need to be submitted by the applicant to the ISA (Rule 12bis.1(f)):
- ☐ a copy of the results of the earlier search,*
 - ☐ a copy of the earlier application,
 - ☐ a translation of the earlier application into a language which is accepted by the ISA,
 - ☐ a translation of the results of the earlier search into a language which is accepted by the ISA,
 - ☐ a copy of any document cited in the results of the earlier search. (If known, please indicate below the document(s) available to the ISA):
- ☐ Transmit copy of results of earlier search and other documents (where the earlier search was not carried out by the ISA indicated above but by the same Office as that which is acting as the receiving Office): the receiving Office is requested to prepare and transmit to the ISA (Rule 12bis.1(c)):
- ☐ a copy of the results of the earlier search,*
 - ☐ a copy of the earlier application,
 - ☐ a copy of any document cited in the results of the earlier search.

* Where the results of the earlier search are neither available from a digital library nor transmitted by the receiving Office, the applicant is required to submit them to the receiving Office (Rule 12bis.1(a)) (See item 11. in the check-list and also Notes to Box No. VII).

- ☐ Further earlier searches are indicated on a continuation sheet.

Box No. VIII DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration):

Number of
declarations

- | | | | |
|--------------------------|--------------------|--|--|
| ☐ | Box No. VIII (i) | Declaration as to the identity of the inventor | |
| ☐ | Box No. VIII (ii) | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent | |
| ☐ | Box No. VIII (iii) | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | |
| ☐ | Box No. VIII (iv) | Declaration of inventorship (only for the purposes of the designation of the United States of America) | |
| ☐ | Box No. VIII (v) | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty | |

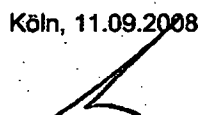
Box No. IX CHECK LIST; LANGUAGE OF FILING

This international application contains:		This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):		Number of items
(a) on paper, the following number of sheets:				
request (including declaration and supplemental sheets)	6	1. ☐ fee calculation sheet		1
description (excluding sequence listing and/or tables related thereto)	6	2. ☐ original separate power of attorney		
claims	2	3. ☐ original general power of attorney		
abstract	1	4. ☒ copy of general power of attorney; reference number, if any: 47728		1
drawings	1	5. ☐ statement explaining lack of signature		
Sub-total number of sheets	16	6. ☐ priority document(s) identified in Box No. VI as item(s):		
sequence listing		7. ☐ translation of international application into (language):		
tables related thereto		8. ☐ separate indications concerning deposited microorganism or other biological material		
(for both, actual number of sheets if filed on paper, whether or not also filed in electronic form; see (c) below)		9. ☐ sequence listing in electronic form (indicate type and number of carriers)		
Total number of sheets	16	(i) ☐ copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)		
(b) ☐ only in electronic form (Section 801(a)(i))		(ii) ☐ (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter		
(i) ☐ sequence listing		(iii) ☐ together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column		
(ii) ☐ tables related thereto		10. ☐ tables in electronic form related to sequence listing (indicate type and number of carriers)		
(c) ☐ also in electronic form (Section 801(a)(ii))		(i) ☐ copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application)		
(i) ☐ sequence listing		(ii) ☐ (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater)		
(ii) ☐ tables related thereto		(iii) ☐ together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column		
Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the		11. ☐ copy of results of earlier search(es) (Rule 12bis.1(a))		
☐ sequence listing:		12. ☐ other (specify):		
☐ tables related thereto:				
(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)				
Figure of the drawings which should accompany the abstract:	1	Language of filing of the international application:	English	

Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE

Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).

Köln, 11.09.2008


 Dr. Felix Wolff
 European Patent Attorney

For receiving Office use only		For International Bureau use only	
1. Date of actual receipt of the purported international application:	11 SEP 2008 (11. 09. 08)	2. Drawings:	
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		☒ received:	
4. Date of timely receipt of the required corrections under PCT Article 11(2):		☐ not received:	
5. International Searching Authority (if two or more are competent): ISA /	6. ☐ Transmittal of search copy delayed until search fee is paid		
Date of receipt of the record copy by the International Bureau:			

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 March 2009 (19.03.2009)

PCT

(10) International Publication Number
WO 2009/033682 A2

(51) International Patent Classification:
B07C 5/34 (2006.01) *B65B 57/02* (2006.01)

(74) Agents: WOLFF, Felix et al.; Kutzenberger & Wolff,
Theodor-Heuss-Ring 23, 50668 Köln (DE).

(21) International Application Number:
PCT/EP2008/007480

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(22) International Filing Date:
11 September 2008 (11.09.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
07017963.5 13 September 2007 (13.09.2007) HP

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): CFS
WEERT B.V. [NL/NL]; De Fuus No. 8, NL-6006 RV
Weert (NL).

(72) Inventor; and

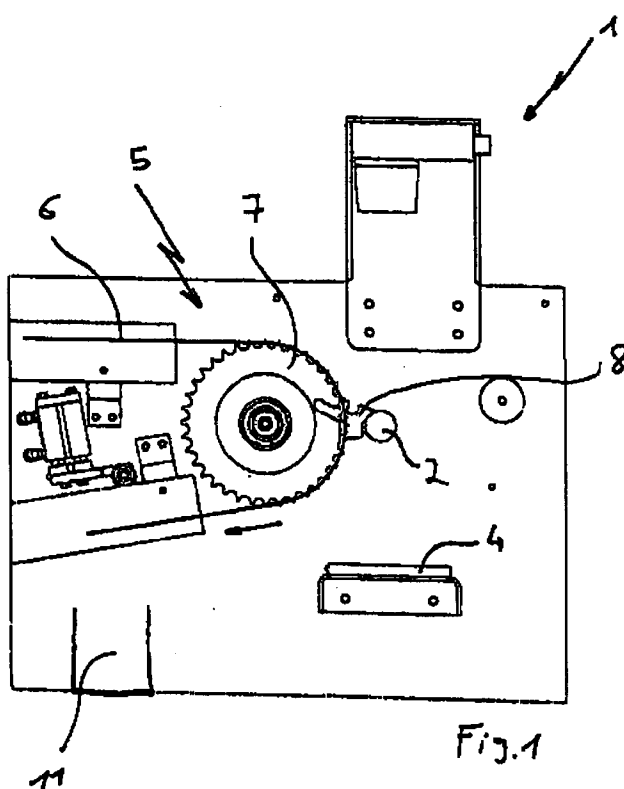
(75) Inventor/Applicant (*for US only*): DE ROO, Ronald,
Lambertus, Joseph, Hendrikus [NL/NL]; Tus 3,
NL-5507 MG Veldhoven (NL).

Published:

— *without international search report and to be republished upon receipt of that report*

(54) Title: VISION MEANS FOR QUALITY INCREASE OF CONFECTIONARY

(57) Abstract: The present invention is related to a confectionary production and/or wrapping machine.



WO 2009/033682 A2

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
19 March 2009 (19.03.2009)

PCT

(10) International Publication Number
WO 2009/033682 A3

- (51) International Patent Classification:
B07C 5/34 (2006.01) **B65B 57/02** (2006.01)
- (21) International Application Number:
PCT/EP2008/007480
- (22) International Filing Date:
11 September 2008 (11.09.2008)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
07017963.5 13 September 2007 (13.09.2007) EP
- (71) Applicant (for all designated States except US): CFS
WEERT B.V. [NL/NL]; De Fuus No. 8, NL-6006 RV
Weert (NL).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): DE ROO, Ronald,
Lambertus, Joseph, Hendrikus [NL/NL]; Tus 3,
NL-5507 MG Veldhoven (NL).
- (74) Agents: WOLFF, Felix et al.; Kutzenberger & Wolff,
Theodor-Heuss-Ring 23, 50668 Köln (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: VISION MEANS FOR QUALITY INCREASE OF CONFECTIONARY

(57) Abstract: The present invention is related to a confectionary production and/or wrapping machine.

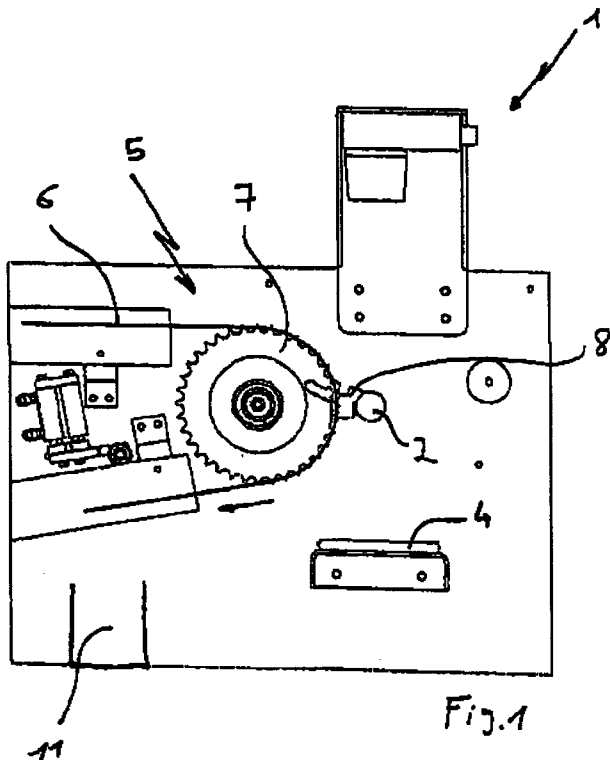


Fig. 1

WO 2009/033682 A3



Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:

22 May 2009

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2008/007480

A. CLASSIFICATION OF SUBJECT MATTER
INV. B07C5/34 B65B57/02

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)
B07C B65B

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)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 2 420 403 A (DANISCO [DK]) 24 May 2006 (2006-05-24) pages 4,5,8; figure 1	1-4,7
A	US 4 024 058 A (DERCKX HENRICUS ANTONIUS JACOB) 17 May 1977 (1977-05-17) column 2; figures 1,2	1-4,7
A	EP 0 038 088 A (BOHLE LORENZ ING GRAD) 21 October 1981 (1981-10-21) pages 1,4,5; figure 1	1-4,7

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *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)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *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
- *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
- *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.
- *8* document member of the same patent family

Date of the actual completion of the international search

12 January 2009

Date of mailing of the international search report

24/03/2009

Name and mailing address of the ISA/
European Patent Office, P.B. 5818 Patentkan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040.
Fax: (+31-70) 340-3016

Authorized officer

Golombek, Gregor

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2008/007480

Box No. II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see annex

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4,7

Confectionary production machine

2. claims: 1-4,7

Confectionary wrapping machine

3. claims: 1,5

Different kinds of sorting means

4. claims: 1,6

The manner of dimensional analyzing

5. claims: 1,8

Different references for the sorting

6. claims: 1,9

Illumination system

7. claims: 1,10-12

Transportation means

8. claims: 1,13

Disposal bin

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2008/007480

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2420403	A	24-05-2006	NONE	
US 4024058	A	17-05-1977	DE 2616242 A1	28-10-1976
			ES 447097 A1	16-06-1977
			FR 2307473 A1	12-11-1976
			GB 1521175 A	16-08-1978
			IT 1067879 B	21-03-1985
			NL 7504506 A	19-10-1976
			ZA 7602291 A	27-04-1977
EP 0038088	A	21-10-1981	EP 0022275 A1	14-01-1981



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Kutzenberger & Wolff
Theodor-Heuss-Ring 23
50668 Köln
ALLEMAGNE

Entlagen?

EINGEGANGEN	
16. Juni 2008	
KUTZENBERGER & WOLFF	
FRIST: <i>WV sofort</i>	Date

For any questions about
this communication:
Tel.: +31 (0)70 340 45 00

16.06.08

Reference CI0377EP	Application No./Patent No. 07017963.5 - 2307
Applicant/Proprietor CFS Weert B.V.	

Communication

The extended European search report is enclosed.

The extended European search report includes, pursuant to Rule 62 EPC, the European search report (R. 61 EPC) or the partial European search report/ declaration of no search (R. 63 EPC) and the European search opinion.

Copies of documents cited in the European search report are attached.

- ☐ additional set(s) of copies of such documents is (are) enclosed as well.

The following have been approved:

- ☒ Abstract ☒ Title

- ☐ The Abstract was modified and the definitive text is attached to this communication.

The following figure will be published together with the abstract: 1

Refund of the search fee

If applicable under Article 9 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 07 01 7963

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	GB 2 420 403 A (DANISCO [DK]) 24 May 2006 (2006-05-24) * pages 4,5,8; figure 1 *	1-4,7	INV. B07C5/34 B65B57/02
A	US 4 024 058 A (DERCKX HENRICUS ANTONIUS JACOB) 17 May 1977 (1977-05-17) * column 2; figures 1,2 *	1-4,7	
A	EP 0 038 088 A (BOHLE LORENZ ING GRAD) 21 October 1981 (1981-10-21) * pages 1,4,5; figure 1 *	1-4,7	
			TECHNICAL FIELDS SEARCHED (IPC)
			B07C B65B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 4 March 2008	Examiner Gołombek, Gregor
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P04C01)



European Patent
Office

Application Number

EP 07 01 7963

CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:
1-4, 7
- ☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-4,7

Confectionary production machine

2. claims: 1-4,7

Confectionary wrapping machine

3. claims: 1,5

Different kinds of sorting means

4. claims: 1,6

The manner of dimensional analyzing

5. claims: 1,8

Different references for the sorting

6. claims: 1,9

Illumination system

7. claims: 1,10-12

Transportation means

8. claims: 1,13

Disposal bin

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 01 7963

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-03-2008

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2420403	A	24-05-2006	NONE	
US 4024058	A	17-05-1977	DE 2616242 A1	28-10-1976
			ES 447097 A1	16-06-1977
			FR 2307473 A1	12-11-1976
			GB 1521175 A	16-08-1978
			IT 1067879 B	21-03-1985
			NL 7504506 A	19-10-1976
			ZA 7602291 A	27-04-1977
EP 0038088	A	21-10-1981	EP 0022275 A1	14-01-1981

1 The present application does not meet the requirements of Article 82 EPC.

2 Document D1 = GB-A-2 420 403 discloses a confectionary production machine comprising means for analyzing a product (see pages 4, 5 and 8).

Thus, the document D1 disclose the first alternative of claim 1. Furthermore, this document also tries to solve the same problem (efficiency).

3 The separate inventive concepts

3.1 Confectionary production machine (claims 1 - 4, 7)

3.2 Confectionary wrapping machine (claims 1 - 4, 7)

3.3 Different kinds of sorting means (claims 1 and 5)

3.4 -The manner of dimensional analyzing (claims 1 and 6)

3.5 Different references for the sorting (claims 1 and 8)

3.6 Illumination system (claims 1 and 9)

3.7 Transportation means (claims 1 and 10 - 12)

3.8 Dipsal bin (claims 1 and 13)

4.1 Starting from D1 the first inventive concept of claim 1 (first alternative) is to arrive at a sorting system which can be used for checking the quality confectionary. The special technical feature to achieve this is the use of means for analyzing the product (claims 1 - 4, 7).

4.2 Starting from D1 the second inventive concept of claim 1 (second alternative) is to arrive at a sorting system which can be used for the wrapping of confectionary. The special technical feature to achieve this are means for analyzing the wrapping (claims 1 - 4, 7).

- 4.3 Starting from D1 the third inventive concept of claims 1 and 5 is to improve the the analyzing in a sorting machine. The special technical feature to achieve this is the selection of the sorting means (claims 1 and 5).
- 4.4 Starting from D1 the fourth inventive concept of claims 1 and 6 is to improve the recognition of the object. The special technical feature to achieve this is the dimensional recognition e.g. 2-D (claims 1 and 6).
- 4.5 Starting from D1 the fifth inventive concept of claims 1 and 8 is to adopt the sorting result according to the objects. The special technical feature to achieve this is the selection of e.g the reference value is (claims 1 and 8).
- 4.6 Starting from D1 the sixth inventive concept of claims 1 and 9 is to facilitate the recognition of the objects in a sorting system. The special technical feature to achieve this is to provide an illumination (claims 1 and 9).
- 4.7 Starting from D1 the seventh inventive concept of claims 1 and 10 is to provide a transfer system for the products. The special technical feature to achieve this is to provide transportation means (claims 1 and 10, 11 and 12).
- 4.8 Starting from D1 the first eight concept of claims 1 and 13 is to facilitate the the removal of the false products. The special technical feature to achieve this is to use a disposal bin (claims 1 and 13).
- 5 Since all inventions need different technical features to be characterized and this features concern different aspects of a sorting apparatus, said inventions are not linked by a common inventive concept as required by Article 82 EPC.
- 6 The applicant is invited to state upon which invention further prosecution of the application should be based, provided that a search fee has been paid for this invention, and to limit the application accordingly. Other inventions are to be excised from the claims, description and drawings if any.
- 7 The subject-matter to be excised may be made the subject of one or more divisional applications. The divisional applications must be filed directly at the European Patent Office in Munich or its branch at The Hague and in the language of

Datum
Date
Date

cf Form 1507

Blatt
Sheet
Feuille

3

Anmelde-Nr.:
Application No.:
Demande n°:

07 017 963.5

the proceedings relating to the present application, cf. Article 76(1) and Rule 3 EPC.

- 8 Although, it is not at present which invention the further prosecution of the application should be based the primary examiner would like to draw attention to document D1 being novelty destroying for claim 1.

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

To:

KUTZENBERGER & WOLFF
European Patent Attorneys
Theodor-Heuss-Ring 23
50668 Köln
ALLEMAGNE

EINGEGANGEN

28. Dez. 2009

KUTZENBERGER & WOLFF
FRIST:

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL PRELIMINARY
REPORT ON PATENTABILITY

(PCT Rule 71.1)

Date of mailing
(day/month/year)

22.12.2009

Applicant's or agent's file reference
CI0377-WO

IMPORTANT NOTIFICATION

International application No.
PCT/EP2008/007480

International filing date (day/month/year)
11.09.2008

Priority date (day/month/year)
13.09.2007

Applicant
CFS Weert B.V.

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary report on patentability and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

The applicant's attention is drawn to Article 33(5), which provides that the criteria of novelty, inventive step and industrial applicability described in Article 33(2) to (4) merely serve the purposes of international preliminary examination and that "any Contracting State may apply additional or different criteria for the purposes of deciding whether, in that State, the claimed inventions is patentable or not" (see also Article 27(5)). Such additional criteria may relate, for example, to exemptions from patentability, requirements for enabling disclosure, clarity and support for the claims.

Name and mailing address of the international
preliminary examining authority:



European Patent Office
D-80298 Munich
Tel. +49 89 2399 - 0
Fax: +49 89 2399 - 4465

Authorized Officer

Horrer, Jasmin

Tel. +49 89 2399-4775



PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY
(Chapter II of the Patent Cooperation Treaty)
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference CI0377-WO	FOR FURTHER ACTION		See Form PCT/PEA416
International application No. PCT/EP2008/007480	International filing date (<i>day/month/year</i>) 11.09.2008	Priority date (<i>day/month/year</i>) 13.09.2007	
International Patent Classification (IPC) or national classification and IPC INV. B07C5/34			
Applicant CFS Weert B.V.			
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of <u>8</u> sheets, including this cover sheet. 3. This report is also accompanied by ANNEXES, comprising: a. ☐ <i>sent to the applicant and to the International Bureau</i> a total of sheets, as follows: ☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). ☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. ☐ <i>(sent to the International Bureau only)</i> a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).			
4. This report contains indications relating to the following items: ☒ Box No. I Basis of the report ☐ Box No. II Priority ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability ☒ Box No. IV Lack of unity of invention ☒ Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement ☐ Box No. VI Certain documents cited ☒ Box No. VII Certain defects in the international application ☐ Box No. VIII Certain observations on the international application			
Date of submission of the demand 2009-07-09		Date of completion of this report 22.12.2009	
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Fax: +49 89 2399 - 4465		Authorized officer Golombek, Gregor Telephone No. +49 89 2399-2909 	

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/EP2008/007480

Box No. I Basis of the report

1. With regard to the **language**, this report is based on
- ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of:
 - ☐ international search (under Rules 12.3(a) and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4(a))
 - ☐ international preliminary examination (under Rules 55.2(a) and/or 55.3(a))
2. With regard to the **elements*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

Description, Pages

1-6 as originally filed

Claims, Numbers

1-13 as originally filed

Drawings, Sheets

1/1 as originally filed

- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to sequence listing (*specify*):
5. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 70.2 (e)).
6. ☐ Supplementary international search report(s) from Authority(ies) have been received and taken into account in drawing up this report (Rule 45bis.8(b) and (c)).

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/EP2008/007480

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

1. The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of:

- ☐ the entire international application,
☒ claims Nos. 1-13 filed 09.11.2009

because:

- ☐ the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (*specify*):
- ☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. are so unclear that no meaningful opinion could be formed (*specify*):
- ☐ the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed (*specify*):
- ☒ no international search report has been established for the said claims Nos. 1-13 filed 09.11.2009
- ☐ a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:
- ☐ furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
- ☐ furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
- ☐ pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rules 13ter.1(a) or (b) and 13ter.2.
- ☐ a meaningful opinion could not be formed without the tables related to the sequence listings; the applicant did not, within the prescribed time limit, furnish such tables in electronic form complying with the technical requirements provided for in Annex C-bis of the Administrative Instructions, and such tables were not available to the International Preliminary Examining Authority in a form and manner acceptable to it.
- ☐ the tables related to the nucleotide and/or amino acid sequence listing, if in electronic form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.
- ☒ See separate sheet for further details

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/EP2008/007480

Box No. IV Lack of unity of invention

1. ☒ In response to the invitation to restrict or pay additional fees, the applicant has, within the applicable time limit:
- ☐ restricted the claims.
 - ☐ paid additional fees.
 - ☐ paid additional fees under protest and, where applicable, the protest fee.
 - ☐ paid additional fees under protest but the applicable protest fee was not paid.
 - ☒ neither restricted the claims nor paid additional fees.
2. ☐ This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is:
- ☐ complied with.
 - ☒ not complied with for the following reasons:
see separate sheet
4. Consequently, this report has been established in respect of the following parts of the international application:
- ☐ all parts.
 - ☒ the parts relating to claims Nos. 1-4,7(first alternative).

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	
	No: Claims	<u>1(first alternative),2-4,7</u>
Inventive step (IS)	Yes: Claims	
	No: Claims	<u>1(first alternative),2-4,7</u>
Industrial applicability (IA)	Yes: Claims	<u>1(first alternative),2-4,7</u>
	No: Claims	

2. Citations and explanations (Rule 70.7):

see separate sheet

**INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY**

International application No.
PCT/EP2008/007480

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

**INTERNATIONAL PRELIMINARY
REPORT ON PATENTABILITY
(SEPARATE SHEET)**

International application No.

PCT/EP2008/007480

To point III

The claims presently on file has not been searched, since claim 1 presently on file is directed to a wrapping-machine with means for analyzing the wrapping (second invention) whereas only confectionary production machine for analyzing the product (first invention) has been searched and other search fees have not been paid.

Thus, the examination opinion is based on the claims originally filed and not on the claims presently on file (Rule 66.1 (e) PCT).

To point IV

- 1 The present application does not meet the requirements of Rule 13.1 PCT.
- 2 Document D1 = GB-A-2 420 403 discloses a confectionary production machine comprising means for analyzing a product (see pages 4, 5 and 8).

Thus, the document D1 disclose the first alternative of claim 1. Furthermore, this document also tries to solve the same problem (efficiency).

- 3 The separate inventive concepts
 - 3.1 Confectionary production machine (claims 1 - 4, 7)
 - 3.2 Confectionary wrapping machine (claims 1 - 4, 7)
 - 3.3 Different kinds of sorting means (claims 1 and 5)
 - 3.4 The manner of dimensional analyzing (claims 1 and 6)
 - 3.5 Different references for the sorting (claims 1 and 8)
 - 3.6 Illumination system (claims 1 and 9)
 - 3.7 Transportation means (claims 1 and 10 - 12)

**INTERNATIONAL PRELIMINARY
REPORT ON PATENTABILITY
(SEPARATE SHEET)**

International application No.

PCT/EP2008/007480

3.8 Disposal bin (claims 1 and 13)

- 4.1 Starting from D1 the first inventive concept of claim 1 (first alternative) is to arrive at a sorting system which can be used for checking the quality confectionary. The special technical feature to achieve this is the use of means for analyzing the product (claims 1 - 4, 7).
- 4.2 Starting from D1 the second inventive concept of claim 1 (second alternative) is to arrive at a sorting system which can be used for the wrapping of confectionary. The special technical feature to achieve this are means for analyzing the wrapping (claims 1 - 4, 7).
- 4.3 Starting from D1 the third inventive concept of claims 1 and 5 is to improve the the analyzing in a sorting machine. The special technical feature to achieve this is the selection of the sorting means (claims 1 and 5).
- 4.4 Starting from D1 the fourth inventive concept of claims 1 and 6 is to improve the recognition of the object. The special technical feature to achieve this is the dimensional recognition e.g. 2-D (claims 1 and 6).
- 4.5 Starting from D1 the fifth inventive concept of claims 1 and 8 is to adopt the sorting result according to the objects. The special technical feature to achieve this is the selection of e.g the reference value is (claims 1 and 8).
- 4.6 Starting from D1 the sixth inventive concept of claims 1 and 9 is to facilitate the recognition of the objects in a sorting system. The special technical feature to achieve this is to provide an illumination (claims 1 and 9).
- 4.7 Starting from D1 the seventh inventive concept of claims 1 and 10 is to provide a transfer system for the products. The special technical feature to achieve this is to provide transportation means (claims 1 and 10, 11 and 12).
- 4.8 Starting from D1 the first eight concept of claims 1 and 13 is to facilitate the the removal of the false products. The special technical feature to achieve this is to use a disposal bin (claims 1 and 13).

**INTERNATIONAL PRELIMINARY
REPORT ON PATENTABILITY
(SEPARATE SHEET)**

International application No.

PCT/EP2008/007480

- 5 Since all inventions need different technical features to be characterized and this features concern different aspects of a sorting apparatus, said inventions are not linked by a common inventive concept as required by Rule 13.1 PCT.

To point V

Claim 1

As already discussed above, document D1 discloses all features of the first alternative disclosed in claim 1.

Thus, the subject-matter of claim 1 is not new and the claim itself does not meet the requirements of Article 33(2) PCT.

Claims 2 - 4 and 7

These claims disclose features which are known from D1, compare e.g. the means for providing the sorting signal according to claim 2 to figure 1 of D1.

To point VII

- 1 Independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art (D1) being placed in a preamble (Rule 6.3(b)(i) PCT) and with the remaining features being included in a characterising part (Rule 6.3(b)(ii) PCT).
- 2 Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document D1 is not mentioned in the description, nor is this document identified therein.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/EP2008/007480

Box No. IV Lack of unity of invention

1. ☒ In response to the invitation (Form PCT/ISA/206) to pay additional fees, the applicant has, within the applicable time limit:
- ☐ paid additional fees
 - ☐ paid additional fees under protest and, where applicable, the protest fee
 - ☐ paid additional fees under protest but the applicable protest fee was not paid
 - ☒ not paid additional fees
2. ☐ This Authority found that the requirement of unity of invention is not complied with and chose not to invite the applicant to pay additional fees.
3. This Authority considers that the requirement of unity of invention in accordance with Rule 13.1, 13.2 and 13.3 is
- ☐ complied with
 - ☒ not complied with for the following reasons:
see separate sheet
4. Consequently, this report has been established in respect of the following parts of the international application:
- ☐ all parts.
 - ☒ the parts relating to claims Nos. 1-4,7

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	
	No: Claims	<u>1-4,7</u>
Inventive step (IS)	Yes: Claims	
	No: Claims	<u>1-4,7</u>
Industrial applicability (IA)	Yes: Claims	<u>1-4,7</u>
	No: Claims	

2. Citations and explanations

see separate sheet

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/EP2008/007480

Box No. VII Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

see separate sheet

To point IV

1 The present application does not meet the requirements of Rule 13.1 PCT.

2 Document D1 = GB-A-2 420 403 discloses a confectionary production machine comprising means for analyzing a product (see pages 4, 5 and 8).

Thus, the document D1 disclose the first alternative of claim 1. Furthermore, this document also tries to solve the same problem (efficiency).

3 The separate inventive concepts

3.1 Confectionary production machine (claims 1 - 4, 7)

3.2 Confectionary wrapping machine (claims 1 - 4, 7)

3.3 Different kinds of sorting means (claims 1 and 5)

3.4 The manner of dimensional analyzing (claims 1 and 6)

3.5 Different references for the sorting (claims 1 and 8)

3.6 Illumination system (claims 1 and 9)

3.7 Transportation means (claims 1 and 10 - 12)

3.8 Diposal bin (claims 1 and 13)

4.1 Starting from D1 the first inventive concept of claim 1 (first alternative) is to arrive at a sorting system which can be used for checking the quality confectionary. The special technical feature to achieve this is the use of means for analyzing the product (claims 1 - 4, 7).

4.2 Starting from D1 the second inventive concept of claim 1 (second alternative) is to arrive at a sorting system which can be used for the wrapping of confectionary.

The special technical feature to achieve this are means for analyzing the wrapping (claims 1 - 4, 7).

- 4.3 Starting from D1 the third inventive concept of claims 1 and 5 is to improve the the analyzing in a sorting machine. The special technical feature to achieve this is the selection of the sorting means (claims 1 and 5).
- 4.4 Starting from D1 the fourth inventive concept of claims 1 and 6 is to improve the recognition of the object. The special technical feature to achieve this is the dimensional recognition e.g. 2-D (claims 1 and 6).
- 4.5 Starting from D1 the fifth inventive concept of claims 1 and 8 is to adopt the sorting result according to the objects. The special technical feature to achieve this is the selection of e.g the reference value is (claims 1 and 8).
- 4.6 Starting from D1 the sixth inventive concept of claims 1 and 9 is to facilitate the recognition of the objects in a sorting system. The special technical feature to achieve this is to provide an illumination (claims 1 and 9).
- 4.7 Starting from D1 the seventh inventive concept of claims 1 and 10 is to provide a transfer system for the products. The special technical feature to achieve this is to provide transportation means (claims 1 and 10, 11 and 12).
- 4.8 Starting from D1 the first eight concept of claims 1 and 13 is to facilitate the the removal of the false products. The special technical feature to achieve this is to use a disposal bin (claims 1 and 13).
- 5 Since all inventions need different technical features to be characterized and this features concern different aspects of a sorting apparatus, said inventions are not linked by a common inventive concept as required by Rule 13.1 PCT.

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING
AUTHORITY (SEPARATE SHEET)**

International application No.

PCT/EP2008/007480

To point V

Claim 1

As already discussed above, document D1 discloses all features of the first alternative disclosed in claim 1.

Thus, the subject-matter of claim 1 is not new and the claim itself does not meet the requirements of Article 33(2) PCT.

Claims 2 - 4 and 7

These claims disclose features which are known from D1, compare e.g. the means for providing the sorting signal according to claim 2 to figure 1 of D1.

To point VII

- 1 Independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features known in combination from the prior art (D1) being placed in a preamble (Rule 6.3(b)(i) PCT) and with the remaining features being included in a characterising part (Rule 6.3(b)(ii) PCT).
- 2 Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in the document D1 is not mentioned in the description, nor is this document identified therein.

Possible steps after receipt of the international search report (ISR) and written opinion of the International Searching Authority (WO-ISA)

General information

For all international applications filed on or after 01/01/2004 the competent ISA will establish an ISR. It is accompanied by the WO-ISA. Unlike the former written opinion of the IPEA (Rule 66.2 PCT), the WO-ISA is not meant to be responded to, but to be taken into consideration for further procedural steps. This document explains about the possibilities.

Amending claims under Art. 19 PCT

Within 2 months after the date of mailing of the ISR and the WO-ISA the applicant may file amended claims under Art. 19 PCT directly with the International Bureau of WIPO. The PCT reform of 2004 did not change this procedure. For further information please see Rule 46 PCT as well as form PCT/ISA/220 and the corresponding Notes to form PCT/ISA/220.

Filing a demand for international preliminary examination

In principle, the WO-ISA will be considered as the written opinion of the IPEA. This should, in many cases, make it unnecessary to file a demand for international preliminary examination. If the applicant nevertheless wishes to file a demand this must be done before expiry of 3 months after the date of mailing of the ISR/ WO-ISA or 22 months after priority date, whichever expires later (Rule 54bis PCT). Amendments under Art. 34 PCT can be filed with the IPEA as before, normally at the same time as filing the demand (Rule 66.1 (b) PCT).

If a demand for international preliminary examination is filed and no comments/amendments have been received the WO-ISA will be transformed by the IPEA into an IPRP (International Preliminary Report on Patentability) which would merely reflect the content of the WO-ISA. The demand can still be withdrawn (Art. 37 PCT).

Filing informal comments

After receipt of the ISR/WO-ISA the applicant may file informal comments on the WO-ISA directly with the International Bureau of WIPO. These will be communicated to the designated Offices together with the IPRP (International Preliminary Report on Patentability) at 30 months from the priority date. Please also refer to the next box.

End of the international phase

At the end of the international phase the International Bureau of WIPO will transform the WO-ISA or, if a demand was filed, the written opinion of the IPEA into the IPRP, which will then be transmitted together with possible informal comments to the designated Offices. The IPRP replaces the former IPER (international preliminary examination report).

Relevant PCT Rules and more information

Rule 43 PCT, Rule 43bis PCT, Rule 44 PCT, Rule 44bis PCT, PCT Newsletter 12/2003, OJ 11/2003, OJ 12/2003

PATENT COOPERATION TREATY

PCT

From the RECEIVING OFFICE

To:

Wolff, Felix
KUTZENBERGER & WOLFF
Theodor-Heuss-Ring 23
D-50668 Köln
ALLEMAGNE

EINGEGANGEN

08. Okt. 2008

KUTZENBERGER & WOLFF

FRIST: bel. nat.

NOTIFICATION OF THE INTERNATIONAL
APPLICATION NUMBER AND OF THE
INTERNATIONAL FILING DATE

(PCT Rule 20.2(c))

Date of mailing
(day/month/year)

06-10-2008

Applicant's or agent's file reference
CI0377-WO

IMPORTANT NOTIFICATION

International application No.

PCT/EP2008/007480

International filing date (day/month/year)

11 September 2008 (11-09-2008)

Priority date (day/month/year)

13 September 2007 (13-09-2007)

Applicant

CFS WEERT B.V.

Title of the invention

1. The applicant is hereby notified that the international application has been accorded the international application number and the international filing date indicated above.

2. The applicant is further notified that the record copy of the international application:



was transmitted to the International Bureau on see above date of mailing



has not yet been transmitted to the International Bureau for the reason indicated below and a copy of this notification has been sent to the International Bureau*:



because the necessary national security clearance has not yet been obtained



because (reason to be specified)

* The International Bureau monitors the transmittal of the record copy by the receiving Office and will notify the applicant (with Form PCT/IB/301) of its receipt. Should the record copy not have been received by the expiration of 14 months from the priority date, the International Bureau will notify the applicant (Rule 22.1(c)).

Name and mailing address of the Receiving Office

 European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040
Fax: (+31-70) 340-3016

Authorized officer

Pasche, Constantinus



No. 10-023989- -00000-0000

Fecha: 2010-03-01 15:42:59 Dep. 2020 DIR.NUEVASCR
Tra. 11 PATENTEIYII Eve: 379 FASENACIONALII
Act. 411 PRESENTACION Folios: 63

PATENTE DE INVENCION ☐

MODELO DE UTILIDAD ☐

Art 33 Decisión 486/00

☐

Indicación que se solicita una patente.

☐

Datos de identificación del solicitante o de la persona que presenta la solicitud

☐

Descripción de la invención

☐

Dibujos de ser estos pertinentes

☐

Comprobante de pago de las tasas establecidas (De ser el caso formato de descuento)

Completa ☐

Incompleta ☐

PATENTE DE INVENCION PCT ☒

MODELO DE UTILIDAD PCT ☐

Art.33 Decisión 486/00, Circular Única

☒

Indicación que se solicita una PCT

☒

Copia de la solicitud en español, tal como fue presentada inicialmente (capítulo descriptivo, reivindicatorio, resumen)

☐

Dibujos de ser estos pertinentes

☒

Comprobante de pago de las tasas establecidas (de ser el caso formato de descuento)

Completa ☐

Incompleta ☐

DISEÑO INDUSTRIAL ☐

(Art. 119 Decisión 486/00)

☐

Indicación que se solicita Diseño industrial

☐

Datos de identificación del solicitante o de la persona que presenta la solicitud

☐

Representación gráfica y fotográfica del Diseño industrial o muestra del material que incorpora el diseño

☐

Comprobante de pago de las tasas establecidas

Completa ☐

Incompleta ☐

ESQUEMA DE TRAZADO ☐

(Art. 92 Decisión 486/00)

☐

Indicación que se solicita un esquema de trazado

☐

Datos de identificación del solicitante o de la persona que presenta la solicitud

☐

Representación gráfica de un esquema de trazado

☐

Comprobante de pago de las tasas establecidas

Completa ☐

Incompleta ☐



Bogotá,
2020

Doctor(a)
RODRIGUEZ D` ALEMAN DILIA MARIA
Apoderado(a) y/o Representante de
CFS WEERT B.V.

REFERENCIA	Radicación No.	10 23989
	Solicitud internacional	PCT/EP2008/007480
	Fecha inicio fase nacional	13/04/2010
	Trámite	11
	Evento	379
	Actuación	430
	Oficio No.	05253

Como resultado del examen de forma, realizado con fundamento en el artículo 38 de la Decisión 486 de la Comisión de la Comunidad Andina, artículo 27 del Tratado de Cooperación en Materia de Patentes (PCT), regla 51 bis del Reglamento y Circular Única de la Superintendencia de Industria y Comercio, se le comunica que:

1. El solicitante debe presentar un nuevo título que permita identificar la materia de la cual trata la solicitud, ya que el título relacionado no se encuentra con la precisión necesaria para identificar claramente el objeto de la solicitud de patente. (Regla 4.3 PCT, Art 26-27 D-486, Circular única 5.2.9)

2. La solicitud no contiene la copia del documento en que consta la cesión del derecho a la patente del inventor al solicitante o a su causante, conforme a lo establecido por el artículo 26 literal k) de la Decisión 486 de la Comisión de la Comunidad Andina. Cuando se trate de documentos otorgados en el extranjero, estos deberán legalizarse de conformidad con lo dispuesto por los artículos 259 y 260 del Código de Procedimiento Civil. Cuando se trate de las declaraciones a que hace referencia la Regla 4.17 ii) del Tratado de Cooperación en Materia de Patentes PCT., el alcance de las tales declaraciones se determinará según indiquen claramente una cesión de derechos del inventor al solicitante o su causante, de conformidad con lo dispuesto en el numeral 5.2.15 del Capítulo Quinto, Título X de la Circular Única de Superintendencia de Industria y Comercio.

En cumplimiento de lo dispuesto por el artículo 39 de la Decisión 486, se le requiere para que dentro del término de dos meses siguientes a la fecha de notificación del presente oficio, complete los requisitos anteriormente enunciados. En caso de no dar cumplimiento al presente requerimiento, la solicitud se considerará abandonada y perderá su prelación.

Notifíquese el presente oficio conforme a lo dispuesto en el numeral 5.2, literal e), del capítulo quinto del título primero de la Circular Única No.10 de 2001.

Continúa en la página siguiente...

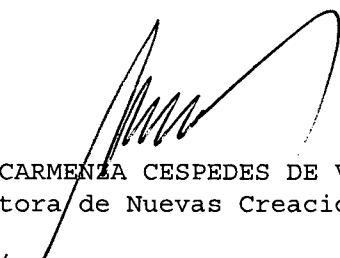


BICENTENARIO
DE LA REPÚBLICA DE COLOMBIA



Industria y Comercio
SUPERINTENDENCIA

Radicación No.:10 23989


ALIX CARMENZA CESPEDES DE VERGEL
Directora de Nuevas Creaciones (c)

El anterior requerimiento fue notificado por fijación en lista de
fecha 23 ABR. 2010
adpall

Al contestar favor indique el número
de radicación consignado en el rótulo

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