

AVISO DE NOTIFICACION

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CORREO CERTIFICADO

Bogotá, D.C.

Radicación :00030855 00000007 Fecha: 29/07/2005 8:18:11
Tramite :2 PATENTES DE INVENCION
Evento :1 REGISTRO/DEPOSITO/CONCESION/DEPOSITO
Actuación :432 COMUNICACION ACTO ADMINISTRATIVO
Solicitante :CASTRO DUQUE RAMIRO Folios:1

Señor (a) (es)
CASTRO DUQUE RAMIRO
CRA 7 NO. 16 - 56 PISO 9
BOGOTA D.C.

REF: RESOLUCION No: 17967
FECHA No. 27/07/2005
EXPEDIENTE No. 0 30855
Tramite :2 PATENTES DE INVENCION
Evento :1 REGISTRO/DEPOSITO/CONCESION/DEPOSITO
Actuación :432 COMUNICACION ACTO ADMINISTRATIVO

Estimado Doctor (a) :

Comendidamente le solicito presentarse a este Despacho ubicado en la Carrera 13 No. 27 - 00 Piso Quinto (5), de la ciudad de Bogotá D.C., dentro del término de cinco (5) días hábiles contados a partir del envío de la presente citación, en horario de 8:30 a.m. a 5:00 p.m. jornada continua, con el fin de notificarle personalmente el contenido de la resolución de la referencia proferida dentro del expediente tramitado con el número de radicación citado en el asunto.

De no hacerse presente en el término indicado anteriormente, la providencia en mención se notificará por edicto, el cual se fijará por el término de diez (10) días en el Centro de Documentación e Información. Para su comodidad el texto completo de la resolución se encontrará disponible en la página web de la Entidad, desde el día hábil siguiente al que se desfije el edicto.

La consulta del listado notificación y del acto administrativo puede ser realizada desde un computador con acceso a Internet, en la página web www.sic.gov.co, con el número de resolución a través de la opción servicios en línea - caracter general - consulta actos administrativos.

Secretaría General
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



Industria y Comercio
SUPERINTENDENCIA

REPUBLICA DE COLOMBIA
SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

RESOLUCIÓN 17967

Por la cual se niega una patente de invención

Rad. N° 00-30855

EL SUPERINTENDENTE DE INDUSTRIA Y COMERCIO

en ejercicio de sus facultades legales, en especial de las que se confirieron en el artículo 4, numeral 5 del decreto 2153 de 1992, y

CONSIDERANDO:

PRIMERO: Que mediante escrito radicado en esta Superintendencia el 28 de abril del 2000, bajo el número 00030855, se presentó la solicitud de patente para la invención denominada: "METODO PARA PREPARAR CARGAS PRE-REACCIONADAS DE MATERIAS PRIMAS PARA LA PRODUCCION DE FORMULAS DE VIDRIO", contenida en el expediente de la referencia.

SEGUNDO: Que efectuado el examen de forma en cuanto a los requisitos que debe llenar la solicitud y cumplidas las exigencias legales, se ordenó publicar el extracto sin que se hubieran presentado oposiciones por parte de terceros.

TERCERO: Que el artículo 45 de la Decisión 486 de la Comisión de la Comunidad Andina establece que: "Si la oficina nacional competente encontrara que la invención no es patentable o que no cumple con alguno de los requisitos establecidos en esta Decisión para la concesión de la patente, lo notificará al solicitante. Este deberá responder a la notificación dentro del plazo de sesenta días contados a partir de la fecha de la notificación. Este plazo podrá ser prorrogado por una sola vez por un período de treinta días adicionales... si el solicitante no respondiera a la notificación dentro del plazo señalado, o si a pesar de la respuesta subsistieran los impedimentos para la concesión, la oficina nacional competente denegará la patente".

CUARTO: Que realizado el examen de fondo, se requirió al solicitante en los términos del artículo 45 de la Decisión 486 de la Comisión de la Comunidad Andina, para que presentara respuesta a las observaciones de carácter técnico visibles a folios 155 a 170 del cuaderno administrativo, relacionadas con la patentabilidad o cumplimiento de los requisitos establecidos por esta Decisión para la concesión de la patente. Frente a dicho requerimiento no hubo pronunciamiento alguno por parte del mismo, motivo por el cual es procedente negar el privilegio de patente solicitado con fundamento en lo dispuesto en el artículo 45 de la Decisión 486.

RESUELVE:

ARTICULO PRIMERO: Negar el privilegio de patente de invención para la solicitud correspondiente a "METODO PARA PREPARAR CARGAS PRE-REACCIONADAS DE MATERIAS PRIMAS PARA LA PRODUCCION DE FORMULAS DE VIDRIO".



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Europäisches
Patentamt

Generaldirektion 2

European
Patent Office

Directorate General 2

Office européen
des brevets

Direction Générale 2

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Primary Examiner -49 89 2399-8002
(substantive examination)

Formalities Officer / Assistant -49 89 2399-7649
(Formalities and other matters)



Application No. 00 929 946.2-2111	Ref. V36803PCEPRI/bp	Date 24.06.2002
Applicant Vitro Corporativo, S.A. de C.V.		

Communication pursuant to Article 96(2) EPC

The examination of the above-identified application has revealed that it does not meet the requirements of the European Patent Convention for the reasons enclosed herewith. If the deficiencies indicated are not rectified the application may be refused pursuant to Article 97(1) EPC.

You are invited to file your observations and insofar as the deficiencies are such as to be rectifiable, to correct the indicated deficiencies within a period

of 4 months

from the notification of this communication, this period being computed in accordance with Rules 78(2) and 83(2) and (4) EPC.

Amendments to the description, claims and drawings are to be filed where appropriate within the said period in **three copies** on separate sheets (Rule 36(1) EPC).

Failure to comply with this invitation in due time will result in the application being deemed to be withdrawn (Article 96(3) EPC).



BESANA S
Primary Examiner
for the Examining Division

Enclosure(s): 1 page/s reasons (Form 2906)

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Bescheid/Protokoll (Anlage)		Communication/Minutes (Annex)		Notification/Procès-verbal (Annexe)	
Datum Date	24.06.2002	Blatt Sheet Feuille	1	Anmelde-Nr.: Application No.: Demande n°:	00 929 946.2

The examination is being carried out on the **following application documents:**

Text for the Contracting States:
AT BE CH LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Description, pages:

1-11 as originally filed

Claims, No.:

1-13 as originally filed

Drawings, sheets:

1/8-8/8 as originally filed

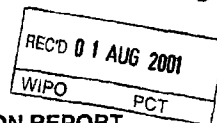
1. With the request for entering the regional phase the applicant filed a set of description pages, drawings and claims.
However, in this new set of application documents page 2 is missing and page 4 is printed twice.
The examination is performed using the set of description pages, drawings and claims on which the preliminary examination report is based, since the last set of application documents does not contain amendments.
2. An international preliminary examination report has already been drawn up for the present application in accordance with the PCT. The deficiencies mentioned in that report give rise to objections under the corresponding provisions of the EPC.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)



Applicant's or agent's file reference 02/167		FOR FURTHER ACTION		See Notification of Transmittal of International Preliminary Examination Report (Form PCT/PEA/416)
International application No. PCT/MX00/00021		International filing date (day/month/year) 03/05/2000	Priority date (day/month/year) 03/05/1999	
International Patent Classification (IPC) or national classification and IPC C03C1/00				
Applicant VITRO CORPORATIVO, S.A. DE C.V.				
1. This international preliminary examination report has been prepared by this international Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of 7 sheets, including this cover sheet. ☐ This report is also accompanied by ANNEXES, i.e. sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT). These annexes consist of a total of sheets.				
3. This report contains indications relating to the following items: - I ☒ Basis of the report - II ☐ Priority - III ☐ Non-establishment of opinion with regard to novelty, inventive step and industrial applicability - IV ☐ Lack of unity of invention - V ☒ Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement - VI ☐ Certain documents cited - VII ☐ Certain defects in the international application - VIII ☒ Certain observations on the international application				
Date of submission of the demand 30/10/2000		Date of completion of this report 30.07.2001		
Name and mailing address of the international preliminary examining authority:  European Patent Office D-80298 Munich Tel. +49 89 2399 - 0 Tx: 523656 epmu d Fax: +49 89 2399 - 4465		Authorized officer Besana, S Telephone No. +49 89 2399 8002		

Form PCT/PEA/409 (cover sheet) (January 1994)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No. PCT/MX00/00021

I. Basis of the report

1. With regard to the **elements** of the international application (*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 since they do not contain amendments (Rules 70.16 and 70.17)*):

Description, pages:

1-11 as originally filed

Claims, No.:

1-13 as originally filed

Drawings, sheets:

1/8-8/8 as originally filed

2. With regard to the **language**, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language: , which is:

- ☐ the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

- ☐ the description, pages:
- ☐ the claims, Nos.:

17/MX00/00021

not been made, since they have been

referred to under item 1 and annexed to this

with regard to novelty, inventive step or industrial applicability;
ing such statement

Yes: Claims 2-13
No: Claims 1

Yes: Claims
No: Claims 1-13

Indus. applicability (IA) Yes: Claims 1-13
No: Claims

2. Citations and explanations
see separate sheet

VIII. Certain observations on the International application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:
see separate sheet

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/MX00/00021

Re Item V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Reference is made to the following documents:

D1: EP-A-0 355 618 (PPG INDUSTRIES INC) 28 Febrero 1990 (1990-02-28)

D2: US-A-3 082 102 (COLE H ET AL) 19 Marzo 1963 (1963-03-19)

2. Notwithstanding the lack of clarity mentioned in Section VIII below, the present application does not meet the requirements of Article 33(1)(2) PCT, because the subject-matter of claim 1 is not new.

- 2.2 For the purpose of examination, claim 1 is interpreted as follows:

A method comprising mixing stoichiometric amounts of substances, comprising in their chemical formula silica-Na, silica-Na-Ca, silica-Na-Mg, silica-Ca-Mg or silica-Na-Ca-Mg, to obtain the desired glass.

The mixture has a reaction temperature which does not form a liquid phase and a CO₂-release temperature below said reaction temperature.

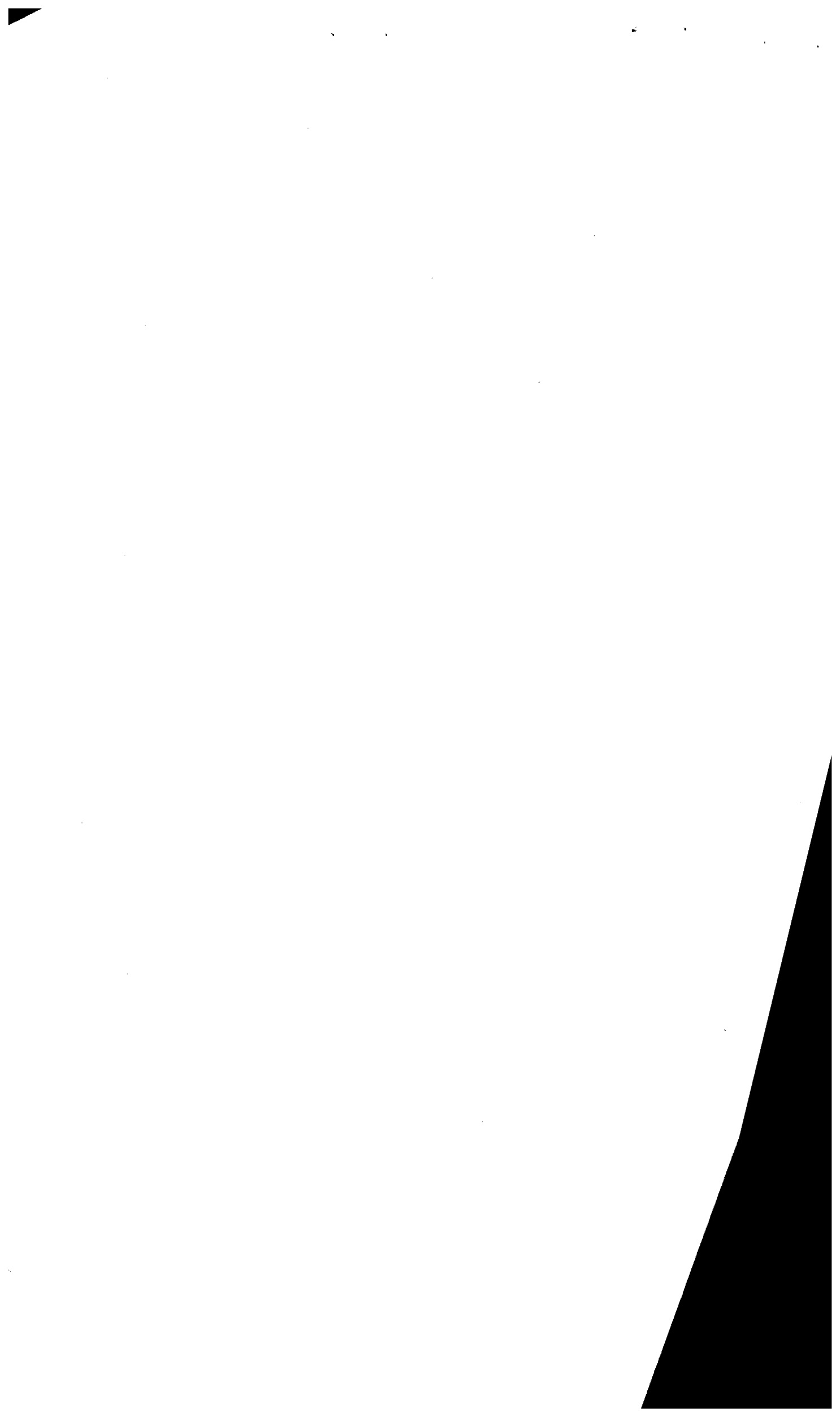
- 2.3 D1 (cf. col.1 l.35-41; col.2 l.7-29; col.4 l.7-27) discloses a method for preparing pre-reacted batches of raw materials for the production of glass. The method comprises mixing sand, limestone and dolomite and heating the mixture at 1100-1300°C to calcine the carbonates. At the calcination temperature the mixture does not form a liquid phase.

Hence, D1 is novelty destroying for the subject-matter of claim 1.

- 2.4 D2 (cf. col.1 l.61-col.2 l.5; col.2 l.17-18,25-28,38-43; claim 1) describes a process for preparing glass batches comprising mixing the starting materials, e.g. Na₂CO₃ and silica, and treating the mixture at a temperature that allows release of CO₂ without the formation of a liquid phase.

Therefore, the subject-matter of claim 1 is not novel over the teaching of D2.

3. Dependent claims 2-13 do not contain any features which, in combination with the features of claim 1 to which they refer, meet the requirements of the PCT in respect of inventive step, in that it would be obvious for the person skilled in the



**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/MX00/00021

art to apply the method of D1 or D2 using as starting materials either natural or synthetic substances, partially treated minerals or intermediate products from treated minerals in order to obtain the desired glass.

Moreover, the skilled person would regard the production of known soda-lime-magnesia glasses with the method disclosed in D1 or D2 as a normal procedure. Hence, since the applicant has shown no surprising technical effect for the additional features of claims 2-13, an inventive step is not acknowledged for the subject-matter of these claims.

Re Item VIII

Certain observations on the international application

Following objections under Article 6 PCT are raised:

1. Claim 1 does not meet the requirements of Article 6 PCT in that the subject-matter of the claim is not clear.
 - 1.1 The method defined in claim 1 comprises mixing stoichiometric amounts of substances containing **molecular systems of silica-sodium, silica-sodium-calcium, silica-sodium-magnesium, silica-calcium-magnesium, silica-sodium-calcium-magnesium and mixtures thereof**. The term **molecular system** has no well-recognized meaning and is therefore unclear.
From the wording of claim 1 it seems that the applicant refers to a **substance** containing in the chemical formula following atoms: Si, O, Na, Ca and/or Mg.
However, no examples of such substances are given in the description.
 - 1.2 Claim 1 attempts to define the subject-matter in terms of the result to be achieved, i.e. forming a mixture having a reaction temperature which does not form a liquid phase and having a CO₂-release temperature below said reaction temperature.
The technical features necessary for achieving these results are missing.
Furthermore, it is not clear to which reaction the term **reaction temperature** refers to.
This **reaction temperature** is selected from invariant points or from points on a line connecting invariant points of **phase diagrams** of said molecular systems.
However, it is not clear to which **phase diagrams** the applicant is referring.

INTERNATIONAL PRELIMINARY

International application No. PCT/MX00/00021

EXAMINATION REPORT - SEPARATE SHEET

- 1.3 The aim of the method defined in claim 1 is to produce pre-reacted batches of raw materials, which are free from carbon dioxide, for the production of glass formulas.
However, as the method of claim 1 defines only a mixing step, it is not clear how pre-reacted batches of raw materials which are free from carbon dioxide can be obtained.
- 1.4 The expression "nearly fulfill a desired molecular glass formula" used in claim 1 is vague and leaves the reader in doubt as to the meaning of the technical feature to which it refers.
2. The features of claims 2-5 and 13 are not referred to in the description. Claims 2-5 and 13 are therefore not supported by the description as required by Article 6 PCT.
3. The definitions given in claims 9-13 for the "molecular glass formulas" and the "molecular systems" are unclear, for example the formula $\text{Si}_{13}\text{Na}_{15}\text{Ca}_3\text{Mg}_4$ does not define a soda-lime-magnesia glass.
4. Claims 6-8 refer back to claim 1 and define the **synthetic substances** used in the mixing step. However, claim 1 does not refer to **synthetic substances**.
5. In the description on pages 9-11 the applicant presents the results of tests conducted in a calcining kiln. As explained on page 8, ten different compounds were processed: every 5 minutes a sample of each compound is extracted from the kiln, the CO_2 content of the samples and their crystallinity (X-ray analysis) are analysed.
However, the content of the tables in which the results are presented is not clear:
- there is no definition for the columns "Initial Lecture", "Final Lecture", "Initial-Final" and for the two "Factors"
- the unit for the percentage of CaCO_3 and CO_2 is not given
Moreover, the results given in the tables should be illustrated in Figures 1-8. Nevertheless, this is not the case: if the percentage of CO_2 given in the tables is plotted versus the treatment time in minutes, the obtained graphs do not correspond to that of figures 1-8.

**INTERNATIONAL PRELIMINARY
EXAMINATION REPORT - SEPARATE SHEET**

International application No. PCT/MX00/00021

6. The attention of the applicant is drawn to the fact that no chemical element has the chemical symbol Bo (see description p.3 I.3) and that DTA is a Differential Thermal Analysis and not a Differential Test Analysis (see description p.7 I.24).

(12) SOLICITUD INTERNACIONAL PUBLICADA EN VIRTUD DEL TRATADO DE COOPERACIÓN
EN MATERIA DE PATENTES (PCT)

(19) Organización Mundial de la Propiedad
Intelectual
Oficina Internacional



174

(43) Fecha de publicación internacional
9 de Noviembre de 2000 (09.11.2000)

PCT

(10) Número de Publicación Internacional
WO 00/66505 A3

(51) Clasificación Internacional de Patentes: C03C 1/02,
C03B 1/00

Colonia Los Colorines, Garza García, Nuevo León 66275
(MX).

(21) Número de la solicitud internacional: PCT/MX00/00021

(74) Mandatarios: YELA GUZMAN, Angel etc.; Avenida Ri-
cardo Margain Zozaya 440, Colonia Valle del Campestre,
Garza García, Nuevo León 66265 (MX).

(22) Fecha de presentación internacional:
3 de Mayo de 2000 (03.05.2000)

(81) Estados designados (nacional): AT, AU, BR, CA, CN,
CR, CZ, HU, ID, IL, IN, JP, KR, MX, NO, NZ, PL, RO,
RU, SG, SI, SK, TR, VN, ZA.

(25) Idioma de presentación: español

(26) Idioma de publicación: español

(84) Estados designados (regional): patente europea (AT, BE,
CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC,
NL, PT, SE).

(30) Datos relativos a la prioridad:
09/307,338 3 de Mayo de 1999 (03.05.1999) US

Publicada:
— Con informe de búsqueda internacional.

(71) Solicitante: VITRO CORPORATIVO, S.A. DE C.V.
[MX/MX]; Avenida Ricardo Margain Zozaya 440, Colonia
Valle del Campestre, Garza García, Nuevo León 66265
(MX).

(88) Fecha de publicación del informe de búsqueda
internacional: 19 de Abril de 2001

(72) Inventores: PITA SZCZESNIEWSKI, Antonio; Encino
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66290 (MX). BOLIO ARCEO, Hugo; Crisantema 435,

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

(54) Title: METHOD FOR PREPARING PRE-REACTED RAW MATERIAL BATCHES FOR THE PRODUCTION OF GLASS
FORMULAE

(54) Título: METODO PARA PREPARAR CARGAS PRE-REACCIONADAS DE MATERIAS PRIMAS PARA LA PRODU-
CION DE FORMULAS DE VIDRIO

(57) Abstract: The invention relates to a method for preparing pre-reacted raw material batches substantially free from carbon dioxide for the production of glass formulae. Said method involves mixing stoichiometric amounts of substances containing silicon-sodium, silicon-sodium-calcium, silicon-sodium-magnesium, silicon-calcium-magnesium, silicon-sodium-calcium-magnesium molecular systems and mixtures thereof having reaction temperatures not forming a liquid phase, which are selected from invariant points or points in a line connecting invariant points of phase diagrams of said molecular systems with the purpose of obtaining a desired molecular formula.

(57) Resumen: Un método para preparar cargas pre-reaccionadas de materias primas, substancialmente exentas de dióxido de carbono, para la producción de formulas de vidrio, que comprende: mezclar cantidades estequiométricas de substancias que contienen sistemas moleculares de sílice-sodio, sílice-sodio-calcio, sílice-sodio-magnesio, sílice-calcio-magnesio, sílice-sodio-calcio-magne-
sio y mezclas de los mismos, que tienen temperaturas de reacción que no forman fase líquida, que se seleccionan de puntos invariantes o de puntos en una línea que conecta puntos invariantes de diagramas de fases de dichos sistemas moleculares, para completar una fórmula molecular deseada.

WO 00/66505 A3

INTERNATIONAL SEARCH REPORT

Intern. Application No.
PCT/NX 00/00821

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C03C1/02 C03B1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELD SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C03C C03B

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 355 618 A (PPG INDUSTRIES INC) 28 February 1990 (1990-02-28) column 2, line 6 - line 30 column 4, line 11 - line 44	1-8
X	US 3 882 102 A (COLE H ET AL) 19 March 1963 (1963-03-19) column 1, line 61 - column 2, line 4	1-8
A	US 3 682 666 A (LACOURREGE MICHEL) 8 August 1972 (1972-08-08) column 2, line 11 - column 3	1-13

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

☒ Patent family members are listed in annex.

* Special rules apply to cited documents:

"X" document defining the general state of the art which is not considered to be of particular relevance

"Y" document published after the international filing date but prior to the date of publication of the international search report

"L" document which may show doubts on priority claim(s) or which is cited to establish the publication date of another document or other special reason (see specification)

"C" document relating to an oral disclosure, use, exhibition or other information not contained in the written state of the art

"P" document published prior to the international filing date but later than the priority date claimed

"N" document member of the same patent family

"T" document published after the international filing date but prior to the date of publication of the international search report, which is cited to understand the principles or theory underlying the invention

"X" document of particular relevance; the claimed invention is based on the document or the document is cited to show some prior art which is not considered to be of particular relevance

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered with one or more other cited documents

"L" document of particular relevance; the claimed invention is based on the document or the document is cited to show some prior art which is not considered to be of particular relevance

Date of the actual completion of the international search: 14 September 2000

Date of mailing of the international search report: 24.10.2000

Name and mailing address of the ISA
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Tel. (+31-70) 240-2010
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Authorized officer: M. Paz Corra

INTERNATIONAL SEARCH REPORT

Intern. Application No.
PCT/NX 00/00821

Patent document cited in search report

Publication date

Patent family member(s)

Publication date

EP 0355618	A	28-02-1990	US 4920080 A	24-04-1990
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US 3882102	A	19-03-1963	BE 571867 A	10-10-1968
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			FR 1212189 A	
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US 3682666	A	08-08-1972	BE 695880 A	06-09-1967
			DE 1596387 A	18-03-1971
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			GB 1172318 A	26-11-1969
			JP 5200965 B	11-01-1977
			LU 53146 A	07-09-1967
			NL 6703343 A, 8	11-09-1967

INFORME DE BUSQUEDA INTERNACIONAL

Información sobre miembros de la familia de patentes

Solicitante		Solicitante internacional N°	
PCT/NX 00/00021		PCT/NX 00/00021	
Documento de patente citado en el informe de búsqueda	Fecha de publicación	Manifiesto de la familia de patentes	Fecha de publicación
EP 0355618 A	28-02-1990	US 4920880 A	24-04-1990
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Formulario PCT/ISA/210 (nuevo de familia de patentes) (julio de 1989)

INFORME DE BUSQUEDA INTERNACIONAL

Solicitante internacional N°

PCT/NX 00/00021

CLASIFICACION DE LA INVENCIÓN

CIP 7 C03C1/02 C03B1/00

Según la clasificación internacional de patentes (CIP) o según la clasificación nacional y la CIP

SECTORES COMPRENDIDOS POR LA BUSQUEDA

Documentación mínima consultada (sistema de clasificación según de los límites de clasificación)

CIP 7 C03C C03B

Otra documentación consultada referida de la documentación mínima en la medida en que tales documentos forman parte de los sectores comprendidos por la búsqueda

Base de datos electrónicas consultada durante la búsqueda internacional (nombre de la base de datos, y cuando sea aplicable, límites de búsqueda)

C. DOCUMENTOS CONSIDERADOS PERTINENTES

Categoría*	Identificación del documento, con indicación, cuando sea apropiado, de los pasajes pertinentes	N° de las reivindicaciones pertinentes
X	EP 0 355 618 A (PPG INDUSTRIES INC) 28 Febrero 1990 (1990-02-28) columna 2, línea 6 - línea 30 columna 4, línea 11 - línea 44	1-8
X	US 3 082 102 A (COLE H ET AL) 19 Marzo 1963 (1963-03-19) columna 1, línea 61 - columna 2, línea 4	1-8
A	US 3 682 666 A (LACOURREGE MICHEL) 8 Agosto 1972 (1972-08-08) columna 2, línea 11 - columna 3	1-13

☐ En la continuación del Reclamación C en relación con documentos adicionales	☒ Véase el Anexo de la familia de patentes.
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Fecha en la que se ha consultado electrónicamente la búsqueda internacional	Fecha de expedición del presente informe de búsqueda internacional
14 Septiembre 2000	24 10 2000
Nombre y dirección postal de la Administración encargada de la búsqueda internacional	Firmatario autorizado
European Patent Office, P.O. Box 1201, 6900 Zaventem 2, NL-2280 NV Rijswijk Tel. (+31-70) 240-2000, Tx. 31 681 epo nl Fax (+31-70) 240-2010	M. Paz Corral

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