

Marcas – Patentes
Modelos – Diseños
Nombres Comerciales – Enseñas
Propiedad Intelectual
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Registros Sanitarios INVIMA – ICA
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Asesoría – Contratos – Otros
Corresponsalia a Nivel Mundial



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SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO

AIPPI



No. 12-175745- -00003-0000

Fecha: 2013-07-11 14:08:21 Dep. 2020 DIR.NUEVASCO
Tra. 11 PATENTEIYII Eve: 378 FASENACIONALI
Act. 538 PETICION Folios: 8

Señores

SUPERINTENDENCIA DE INDUSTRIA Y COMI
División de Nuevas Creaciones
BOGOTA D.C.

Ref:

Expediente No. 12 175745

Patente de Invención PCT: PROCEDIMIENTO E INSTALACIÓN PARA LA MOLIENTA DE
CARBÓN EN OPERACIÓN INERTE O EN OPERACIÓN NO
INERTE

Solicitante: LOESCHE GMBH

JAIME EDUARDO DELGADO VILLEGAS, abogado, mayor y vecino de Bogotá D.C., identificado con la Cédula de Ciudadanía No. 19.270.955 de Bogotá D.C. y Tarjeta Profesional de Abogado No. 43.308 del Consejo Superior de la Judicatura, con el fin de dar cumplimiento a lo ordenado por el Artículo 44 de la Decisión 486 del Acuerdo de Cartagena, por medio del presente memorial adjunto el recibo No. 13-0064199 de 28 de Junio de 2013, en la suma de quinientos cinco mil pesos m/cte (\$505.000), con el fin de que su Digno Despacho examine si esta Invención es Patentable.

Lo anterior, debido a que la solicitud de esta Patente de Invención fue publicada en la Gaceta de Propiedad Industrial No. 663 del 1 de marzo del 2.013, Página. 352.

Adjunto documento IPRP "International Preliminary Report on Patentability" en su idioma original inglés.

Notificaciones

Las escucharé en la Secretaría de su Despacho o en mi Oficina de Abogado ubicada en la Avenida Carrera 24 No. 37 – 31 Oficina 202. Teléfonos 2444096 - 3690624

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Abogados Consultores – Marcas y Patentes

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Miembros ACPI – ASIPi – AIPPI

Atentamente,

JAIME EDUARDO DELGADO VILLEGAS

C.C. 19.270.955 Bogotá

T.P. 43.308 del C. S. de la J.

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO
NIT : 800.176.089-2
- / -



RECIBO DE CAJA

No. 13 - 0064199

Bogotá D.C., Junio 28 de 2013 - 13:04:44

RECIBIDO DE : MARIO DELGADO ECHEVERRY E HIJOS LTDA NI 800.020.909

*** Soporte del Pago ***

TIPO PAGO	BANCO	CUENTA	No. PAGO	FECHA PAGO	VR. PAGO
CONSIGNACION	BANCO DE BOGOTA	062754387	532921303	28/06/2013	13.885.000.00

*** Conceptos Pagados ***

CANT.	RENTISTICO	CONCEPTO	Vr.UNDITARIO	Vr.CONCEPTO
1	50005-01-01 SOLICITUDES	112 PTC CAP-I EXAMEN DE PATENTIBILIDAD DE INVERSION	505.000.00	505.000.00
				\$505.000.00

SON: **QUINIENTOS CINCO MIL PESOS MONEDA CORRIENTE***

Responsable: _____

Recibo de Caja Aplicado al Expediente No. _____

SUPERINTENDENCIA DE INDUSTRIA Y COMERCIO



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, Junio 28 de 2013 - 13:04:47

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference L 1349	FOR FURTHER ACTION	See item 4 below
International application No. PCT/EP2011/004233	International filing date (day/month/year) 23 August 2011 (23.08.2011)	Priority date (day/month/year) 02 September 2010 (02.09.2010)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant LOESCHE GMBH		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).

2. This REPORT consists of a total of 5 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. 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 |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

	Date of issuance of this report 05 March 2013 (05.03.2013)
The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Yolaine Cussac
Facsimile No. +41 22 338 82 70	e-mail: pt05.pct@wipo.int

Form PCT/IB/373 (January 2004)

PATENT COOPERATION TREATY

TRANSLATION

PCT

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) **see form PCT/ISA/210**

Applicant's or agent's file reference

L 1349

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/EP2011/004233

International filing date (day/month/year)

23.08.2011

Priority date (day/month/year)

02.09.2010

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

B02C23/08, B02C23/34

Applicant

LOESCHE GMBH

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ 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 Rule 43bis.1(a)(i) 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

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/EP

Date of completion of this opinion

Authorized officer

Facsimile No.

Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2011/004233

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of:



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 (Rules 12.3(a) and 23.1(b)).

2. ☐ 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 43bis.1(a))

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material



a sequence listing



table(s) related to the sequence listing

b. format of material



on paper



in electronic form

c. time of filing/furnishing



contained in the international application as filed



filed together with the international application in electronic form



furnished subsequently to this Authority for the purposes of search

4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2011/004233

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)	Claims	1-13	YES
	Claims		NO
Inventive step (IS)	Claims	1-13	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-13	YES
	Claims		NO

2. Citations and explanations:

Reference is made to the following document/documents:

D1: WO 2007/022837 A1 (LOESCHE GMBH [DE]; LOHLE WILLY [DE]; BONK HANS [DE]; HEUKEN FRANZ-JOSE) 1 March 2007 (2007-03-01)

D1 (WO 2007/022837 A1) is considered to be the prior art closest to the subject matter of claim 1 and discloses a method for milling coal as specified in the introductory part of claim 1.

Therefore, the subject matter of claim 1 differs from the known method in that all or part of the coal dust from the separating unit is charged to a classifier and fines are separated from the coal dust in the classifier, in that all or part of the fines is fed to the hot gas generator for burning and heating the returned gases and the hot gases from the hot gas generator are fed back to the mill for mill drying, and is therefore novel (PCT Article 33(2)).

The problem addressed by the present invention can be

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/EP2011/004233

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

considered that of making it possible for coal dust to be provided in a mill-drying process with overall energy efficiency.

The solution to this problem, as proposed in claim 1 of the present application, involves an inventive step (PCT Article 33(3)) for the following reasons: it is neither known from nor suggested to a person skilled in the art by the known prior art to separate fines from the returned gas and feed them to the hot gas generator as fuel.

Claims 2-8 are dependent on claim 1 and therefore likewise meet the requirements of the PCT in respect of novelty and inventive step.

The same reasoning applies correspondingly to the subject matter of independent claim 9. Therefore, the system for milling coal in claim 9 can likewise be regarded as inventive.

Claims 10-13 are dependent on claim 9 and therefore likewise meet the requirements of the PCT in respect of novelty and inventive step.