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No. 14-095643- -00001-0000

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Act. 329 CTOINFORMACION Folios: 5

Trámite : 011
Evento : 379
Actuación : 329

Referencia : Expediente No. 14.095.643
Asunto : Solicitud de patente para **ESPESANTE QUE COMPRENDE POR LO MENOS UN POLÍMERO CATIÓNICO PREPARABLE POR POLIMERIZACIÓN EN EMULSIÓN INVERSA**
Solicitante : **BASF SE**
Clase : C08F 002/032, C08F 220/018, C08F 220/034, C09D 007/000
Fecha de solicitud : 05 de mayo de 2014

1. Yo, Oscar CORREA, en mi condición de apoderado de la sociedad solicitante, **BASF SE**, atentamente presento el siguiente documento:

1.1. **Informe Preliminar Internacional sobre patentabilidad (IPRP)** expedido bajo las reglas del Capítulo II en el trámite de la solicitud internacional PCT/EP2012/072009, correspondiente a la presente fase nacional.

De acuerdo con lo anterior, comedidamente solicito tener en cuenta que la presente solicitud se tramita bajo las reglas del capítulo II del PCT.

2. En consecuencia, solicito a Usted proseguir con el trámite de este asunto.

Señor Director,

OSCAR CORREA

C.C. No. 79.524.634 de Bogotá
T.P.A. 71.027

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NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II)
(PCT Rules 44bis.3(c) and 72.2)

Ellwanger Patentanwälte	26. Juni 2014	B1	
Frist:	ELLWANGER, Arndt	B2	
Vordr:	Ellwanger & Baier	Sekr	
WV:	Patentanwälte Partnerschaftsgesellschaft	EDV	
	Friedrichsplatz 9		
	68165 Mannheim		
	ALLEMAGNE		

Date of mailing (day/month/year) 12 June 2014 (12.06.2014)	
Applicant's or agent's file reference EK10-1532PC	IMPORTANT NOTIFICATION
International application No. PCT/EP2012/072009	International filing date (day/month/year) 07 November 2012 (07.11.2012)
Applicant BASF SE et al	

1. Transmittal of the translation to the applicant.

- ☐ The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).
- ☒ The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

KR

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AO, AP, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OA, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, 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 (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer Nora Lindner
Facsimile No. +41 22 338 82 70	e-mail: pt05.pct@wipo.int

TRANSLATION

PATENT COOPERATION TREATY

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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 EK10-1532PC	FOR FURTHER ACTION	See Form PCT/IPEA/416
International application No. PCT/EP2012/072009	International filing date (day/month/year) 07.11.2012	Priority date (day/month/year) 11.11.2011
International Patent Classification (IPC) or national classification and IPC C08F220/34		
Applicant BASF SE		

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>3</u> sheets, including this cover sheet.
3.	This report is also accompanied by ANNEXES, comprising: a. ☒ (sent to the applicant and to the International Bureau) a total of <u>6</u> sheets, as follows: ☒ sheets of the description, claims and/or drawings which have been amended and/or sheets containing rectifications authorized by this Authority, unless those sheets were superseded or cancelled, and any accompanying letters (see Rules 46.5, 66.8, 70.16, 91.2, and Section 607 of the Administrative Instructions). ☐ sheets containing rectifications, where the decision was made by this Authority not to take them into account because they were not authorized by or notified to this Authority at the time when this Authority began to draw up this report, and any accompanying letters (Rules 66.4bis, 70.2(e), 70.16 and 91.2). ☐ superseded sheets and any accompanying letters, where this Authority either considers that the superseding sheets contain an amendment that goes beyond the disclosure in the international application as filed, or the superseding sheets were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in item 4 of Box No. I and the Supplemental Box (see Rule 70.16(b)). b. ☐ (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see paragraph 3bis of Annex C 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	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2012/072009

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 (Rules 12.3(a) and 23.1(b))
- ☐ publication of the international application (Rule 12.4(a))
- ☐ international preliminary examination (Rule 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*):
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-33 as originally filed/furnished.
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. _____ as originally filed/furnished.
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* 1-21 received by this Authority on with letter of 22.08.2013
- nos.* _____ received by this Authority on _____
- ☐ the drawings:
- pages _____ as originally filed/furnished.
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☐ a sequence listing – 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*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rule 70.2(c) and (c-bis)):
- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
5. ☐ This report has been established:
- ☐ taking into account **the rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rules 66.1(d-bis) and 70.2(e)).
- ☐ without taking into account **the rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rules 66.1bis and 70.2(e)).
6. ☐ Supplementary international search report(s) from Authority(ies) _____
- ☐ has/have been received and taken into account in establishing this report (Rule 45bis.8(b) and (c)).
- * If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY		International application No. PCT/EP2012/072009
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)	Claims <u>1-21</u>	YES
	Claims _____	NO
Inventive step (IS)	Claims <u>1-21</u>	YES
	Claims _____	NO
Industrial applicability (IA)	Claims <u>1-21</u>	YES
	Claims _____	NO
2. Citations and explanations (Rule 70.7)		
1. The subject matter of the present claims is novel with respect to the cited prior art documents and also involves an inventive step (PCT Article 33(2) and (3)). The claimed products are produced by inverse emulsion polymerization, the temperature during the polymerization being held constant. The thickeners obtained in this way exhibit a higher thickening performance compared to those that are produced at increasing temperature. This effect is not described in the cited prior art and cannot be derived from it in an obvious way. 2. Industrial applicability (PCT Article 33(4)): Established.		