

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/RO2011/000016	International filing date (<i>day/month/year</i>) 04/05/2011	(Earliest) Priority Date (<i>day/month/year</i>) 25/03/2010
Applicant S.C. GLOBAL CENTER OF ECOLOGICAL RESEARCH S.R.L.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out 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))

b. This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6*bis*(a)).

c. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. **Certain claims were found unsearchable** (See Box No. II)

3. **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- the text is approved as submitted by the applicant
 the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant
 the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____
 as suggested by the applicant
 as selected by this Authority, because the applicant failed to suggest a figure
 as selected by this Authority, because this figure better characterizes the invention
- b. none of the figures is to be published with the abstract

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International application No.
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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.: **1-9(partially)**
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:
see FURTHER INFORMATION sheet PCT/ISA/210

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:

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.:

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.

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International application No
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A. CLASSIFICATION OF SUBJECT MATTER
 INV. C04B28/04 C04B40/00 E01C7/12
 ADD.
 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)
 E01C C04B

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	RO 125 903 A0 (GLOBAL CT OF ECOLOGICAL RES S R L [RO]) 30 December 2010 (2010-12-30) cited in the application the whole document	1-9
A	GB 2 293 376 A (TRAFALGAR HOUSE TECHNOLOGY LTD [GB] TRAFALGAR HOUSE TECHNOLOGY LTD [GB] 27 March 1996 (1996-03-27) the whole document	1-9

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.
- "&" document member of the same patent family

Date of the actual completion of the international search 6 February 2012	Date of mailing of the international search report 01/03/2012
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Büscher, Olaf
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/R02011/000016

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
RO 125903	A0	30-12-2010	-----
GB 2293376	A	27-03-1996	NONE

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 1-9(partially)

The application does not meet the requirements of Article 6 PCT and its associated rules. The subject-matter of claims 1-3 and the description (e.g working example on page 14, last paragraph to page 15, first paragraph) is so unclear and contradictory with respect to Article 6 PCT that it is almost impossible for this International Search Authority to determine which technical features define the "inventive concept" of the present application. The subject-matter of product claims 1-3 is defined by the expression "consisting of"/"consists of", thereby defining the combination of technical features of claims 1-3 as "closed claims" (PCT Guidelines Part II, Chapter 5.24 and 5.24(a), see especially last sentence: "open and closed claims"). Claims 2-3 are formulated as closed claims depending on closed independent claim 1, however, they are differing from each other with respect to their technical features and their respective amounts (Article 6 PCT & Rule 6.4 PCT). Claims 2 and 3 do not include all the technical features of claim 1, to which they refer (Rule 6.4(a) PCT) and vice versa. Consequently, claims 1-3 are considered by this International Search Authority as independent claims. The components of the technical feature "mineral aggregate", defined in claims with the expression "consisting of" are not adding up to 100% (even when calculation with the maximum values). The scope of search defined by claims 1-3 is so vague and unclear with respect to Article 6 PCT, that a meaningful comparison with the prior art is almost impossible. The International Search Authority therefore restricted the scope of search to the sufficiently clear technical features, the claims 1-3 have in common, namely to a composition comprising: Portland cement, a polymer mixture and mineral aggregates. This Written Opinion from the International Search Authority and the International Search Report are based only on the subject-matter which has been searched and a fair generalisation thereof.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.2), should the problems which led to the Article 17(2) declaration be overcome.