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(54) Title: PROCESS FOR PRODUCTION OF NICKEL CARBONATE"

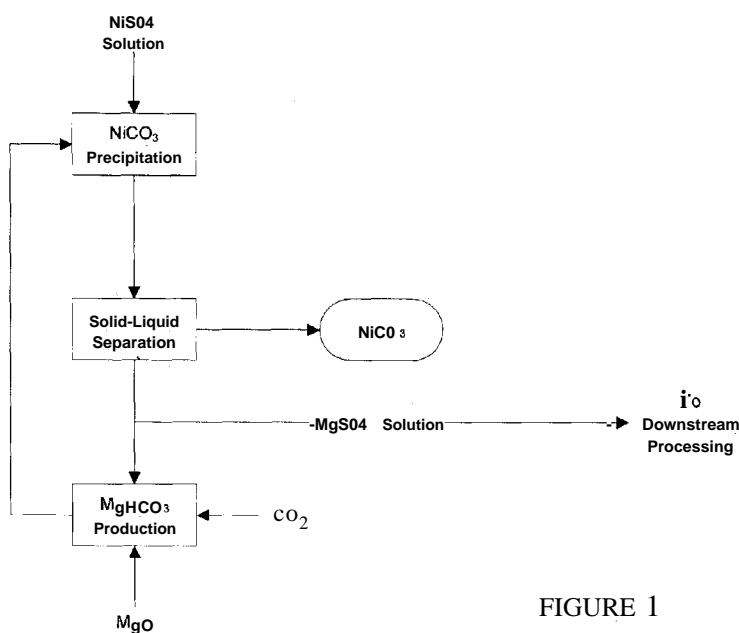


FIGURE 1

(57) Abstract: The present invention refers to a process for production of nickel carbonate comprising the following steps: a) Preparing a magnesium salt solution; b) Contacting said solution with a stream of gaseous CO₂, keeping pH between 4 and 10 and temperature between 0 and 100°C, during up to 5 hours; c) Contacting the mixture of step b) with a nickel sulphate solution, producing a mixture; d) Performing a separation of liquid and solid portions of said mixture; e) Feeding step a) with said liquid portion. This process recycles the reagent used for producing nickel carbonate and yields a final product that is easy to handle and transport.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C01G

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 practicable, search terms used)
EPO-Internal , CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 61 106422 A (SUMITOMO METAL MINING CO) 24 May 1986 (1986-05-24) the whole document -----	1-5
A	US 3 350 167 A (MCMULLEN WARREN H ET AL) 31 October 1967 (1967-10-31) column 2, line 51 - column 5, line 59; claims 1-11 -----	1-5
A	JP 2 172829 A (SUMITOMO METAL IND; TANAKA KOGYO) 4 July 1990 (1990-07-04) the whole document -----	1-5

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 1 March 2013	Date of mailing of the international search report 08/03/2013
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/BR2012/000091

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