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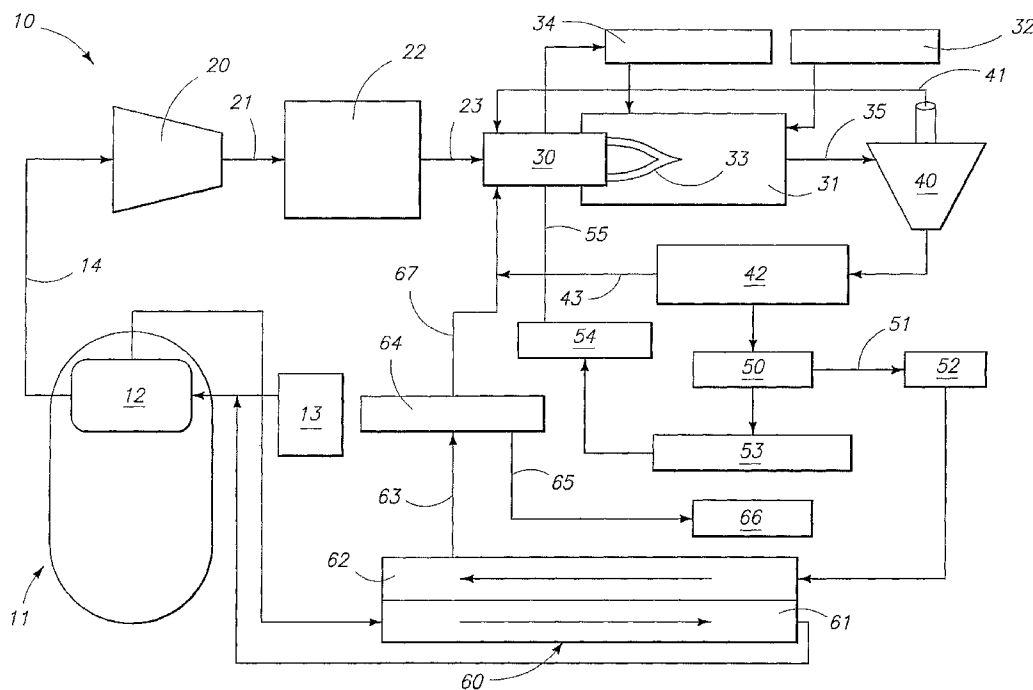
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR FORMING AMMONIA



(57) Abstract: A method for forming ammonia is disclosed and which includes the steps of forming a plasma; providing a source of metal particles, and supplying the metal particles to the plasma to form metal nitride particles; and providing a substance, and reacting the metal nitride particles with the substance to produce ammonia, and an oxide byproduct.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 06/29411

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8): C01C 1/00 (2007.01)
USPC: 423/352
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)
USPC: 423/352

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 423/352, 353 (see keywords below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
USPTO WEST - PGPB,USPT,EPAB,JPAB
keywords: ammonia, nitride, metal, plasma

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,471,932 B1 (Gieshoff et al.) 29 October 2002 (29.10.2002) abstract; col 1 ln 42-51, ln 55-56; col 2 ln 22-24, ln 61-65; col 4 ln 18-20; col 6 ln 18-37	1-29
Y	US 4,451,436 A (OHare) 29 May 1984 (29.05.1984) abstract; col 2 ln 55-58; col 11 ln 50-53	1-29
Y	US 2005/0126438 A1 (Blinkle et al.) 16 June 2005 (16.06.2005) para [0020] and [0034]	2

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* Special categories of cited documents:
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