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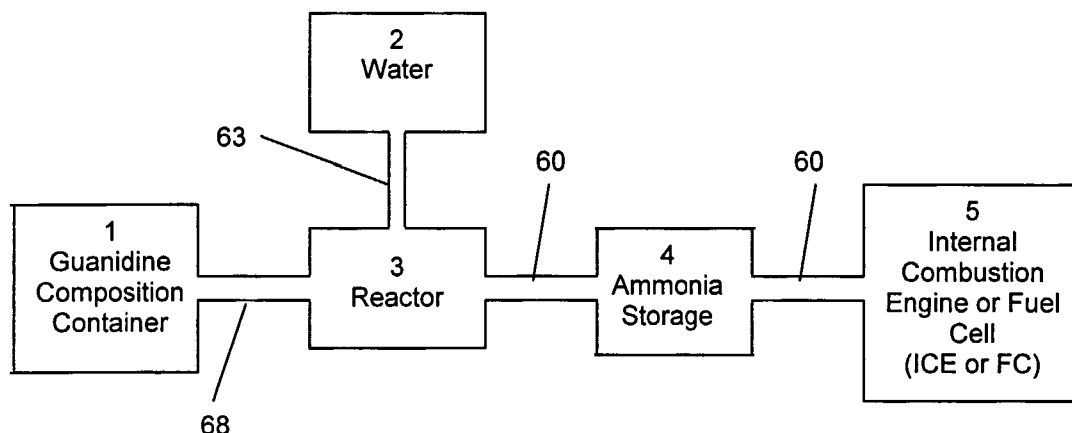
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(54) Title: GUANIDINE BASED COMPOSITION AND SYSTEM FOR SAME



(57) Abstract: A method and apparatus for generating energy from a composition containing guanidine (CH_5N_3) and a method and apparatus for providing the composition containing guanidine using energy are described. The method for generating energy in one embodiment comprises: (a) reacting the composition with water to form ammonia and carbon dioxide; and (b) oxidizing the ammonia formed in step (a) to form water and nitrogen generating energy. The method and apparatus are used to generate energy for use in stationary and mobile applications.

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