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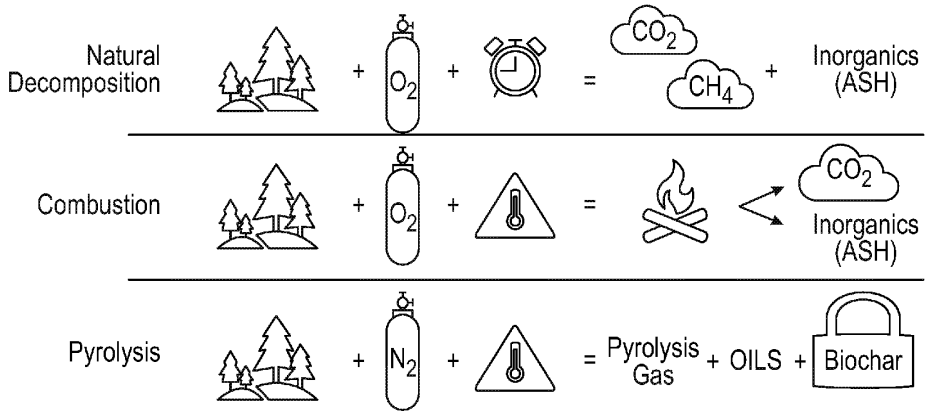
(54) Title: CONCRETE COMPOSITION AND METHOD OF MAKING

FIG. 11



(57) Abstract: A concrete composition, the concrete composition comprising: cementitious material; carbonaceous material; reactive silica; and insoluble silicon. The concrete composition may comprise a pozzolan. The pozzolan may have pozzolanic activity. A concrete composition comprising: cementitious material; and carbonaceous material, wherein at least a portion of the carbonaceous material has no pozzolanic activity. The carbonaceous material may comprise biochar. A method of making a concrete composition, the method comprising: milling a carbonaceous material to form a milled carbonaceous material, wherein at least a portion of the milled carbonaceous material has no pozzolanic activity; combining the milled carbonaceous material with a cementitious material; contacting the cementitious material with an aggregate; contacting the cementitious material with water; and subjecting the carbonaceous material to pyrolysis.

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