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Patent Search

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Abstract:

Carbon dioxide gas can be poisonous and exceptionally destructive to people, it increments the temperature of the Earth's air, it causes the worldwide warming impa terrible impacts on the Soil.Expanding the rate of carbon dioxide gas within the discuss causes suffocation of living beings as well as worldwide warming that undern presence of life on this planet, a tall concentration of carbon dioxide gas causes narcosis.Carbon dioxide gas level increments to higher than 5 % within the room, this is sufficient to slaughter the human being, carbon dioxide gas increments the cerebral blood stream and intracranial pressure. So, to overcome high blood weight, ce flushed skin and jerking the muscles, and at higher levels, man can encounter freeze, visualizations, spewed, sporadic pulse and possibly obviousness or indeed pass rising of carbon dioxide concentration within the blood and tissues we use carbonless cooking gasifier. Through this gasifier we can also use the unusual things in a t like wasted wood, wasted polythene, wasted coal. We can fertilize these in a better way through smart carbonless cooking gasifier which comprises of combustion cl shown in fig (2), burner, vaccum pump, manometer. This is a technology which is energy efficient, cost effective and environment friendly.

Complete Specification

A Novel Smart Carbonless Cooking Gasifier

Field of the Invention: chemical

Background of the Invention:

Gasifiers can isolate gas era from gas combustion in space and time. In a reactor (gas generator) that's optimized for heat-dependent drying and pyrolysis, strong b is to begin with changed over into gasses and vapours. These are guided into a combustion zone (gas burner) where they are burnt with an overflow of oxygen from auxiliary discuss channel. The taking after infographic appears this rule.

In a routine fire the warm is controlled by controlling the fuel supply: the more fuel we include, the warmer we create, given adequate discuss is accessible for the combustion. In differentiate to this, gasifiers control and optimize both forms independently to realize proficient and clean utilization of the fuel:

- controlling the warm that's coming to the strong biomass to optimize the drying and pyrolysis process
 - controlling the supply of discuss and controlling the accessibility of oxygen for optimizing the consequent steps of wood gas combustion and char gasification.
- discuss to the 'gas-generator' produces more gas that can be combusted within the 'gas-burner'. The control, in any case, could be a bit precarious and one of the challenges is to discover distant better: a much better: ahiger: astronger: an improved">an improved arrangement to this

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