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(54) Title: NOVEL MICROWAVE ASSISTED FLASH PYROLYSIS SYSTEM AND METHOD THEREOF

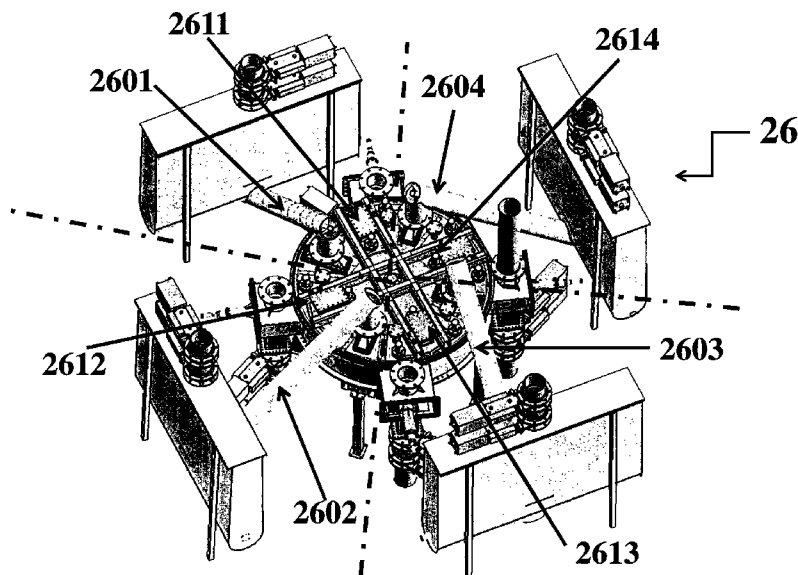


Fig. 26

(57) Abstract: The present invention provides a microwave assisted flash pyrolysis system to carry out microwave assisted flash pyrolysis in an industrial scale. The microwave assisted flash pyrolysis system comprises at least one microwave generator; a chamber comprises: at least one feedstock inlet, at least one baffle plate, a microwave-transparent rotating window, and at least one microwave inlet, at least one wet gas outlet, and at least one dry end product outlet. The present invention also provides a method using the same system to carry out microwave assisted flash pyrolysis.



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