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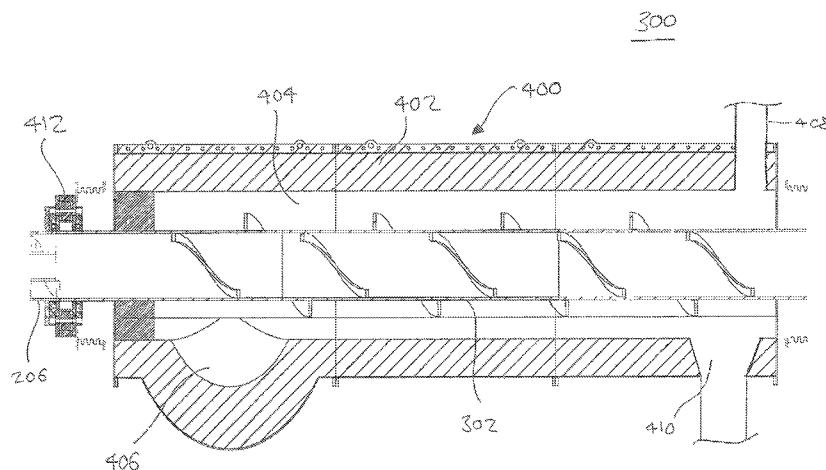


Figure 2

(57) Abstract: There is disclosed a pyrolyser (300) for pyrolysing feedstock material, comprising: a rotary kiln (302) for pyrolysing feedstock material received therein; a heating vessel (400) surrounding the rotary kiln (302) and defining a heating chamber (404) for hot gases therebetween; and an agitator (310) disposed within the heating chamber (404) for agitating hot gas and which is rotatable with the rotary kiln.