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(54) Title: VOLUME REDUCTION SOLIDS TREATMENT SYSTEM

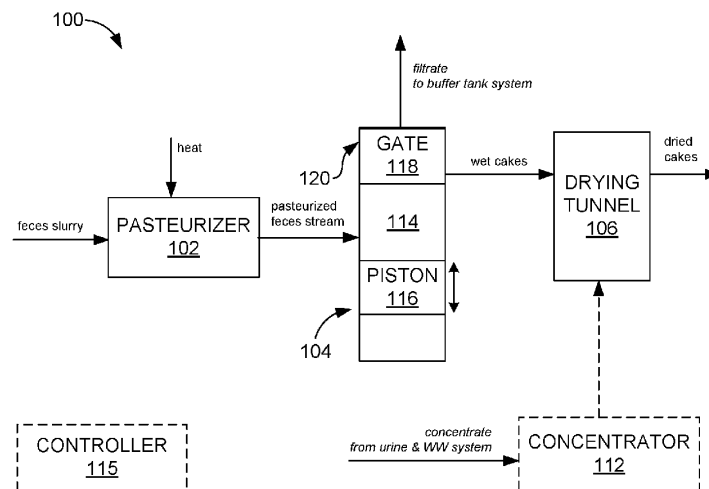


FIG. 1

(57) **Abstract:** System and method for volume reduction solids treatment for fecal waste are described. The system can include a pasteurizer (102) configured to receive a slurry batch and heat the slurry batch at an elevated temperature for a time period to produce a pathogen free slurry. The system can also include a mechanical dewatering press (104) configured to compress the pathogen free slurry to separate a liquid phase from a volume reduced solid waste. The volume reduced solid waste being formed into a feces cake. The system can also include a means to remove the liquid phase and a drying tunnel (106) comprising a conveyor housed and an air duct system. The air duct system configured to propel forced air over the feces cake.

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