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(54) Title: METHOD AND SYSTEM FOR EXTRACTION OF BLACK LIQUOR FROM A HORIZONTAL TUBE CONTINUOUS DIGESTER

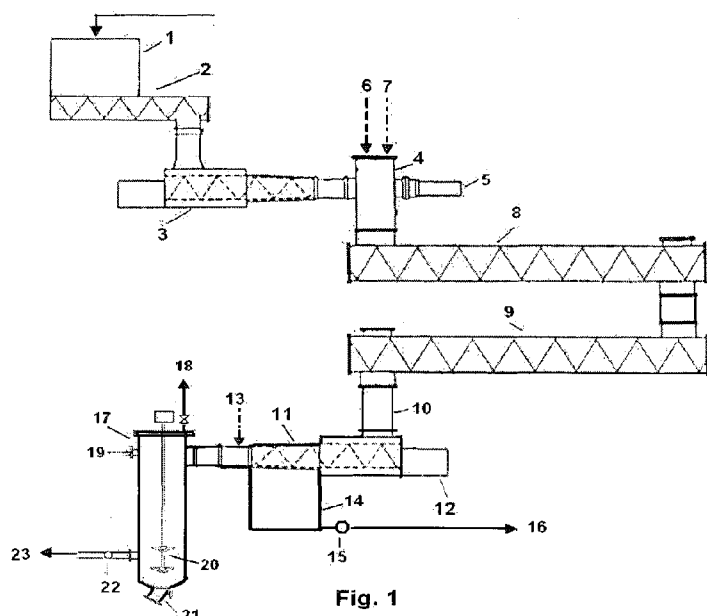


Fig. 1

(57) Abstract: A method for extraction of black liquor from a horizontal tube continuous digester (8,9) is disclosed. The method comprises of passing a mixture of pulp and black liquor from the horizontal tube continuous digester (8,9) through a screw press (11) at substantially the same pressure as that of the horizontal tube continuous digester (8,9). The screw press (11) is configured to separate the black liquor, including interstitially bound black liquor, from the pulp. The method further comprises of storing the black liquor obtained from the screw press (11) in a tank (14) maintained at substantially the same pressure as that of the horizontal tube continuous digester (8,9) and the screw press (11).



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