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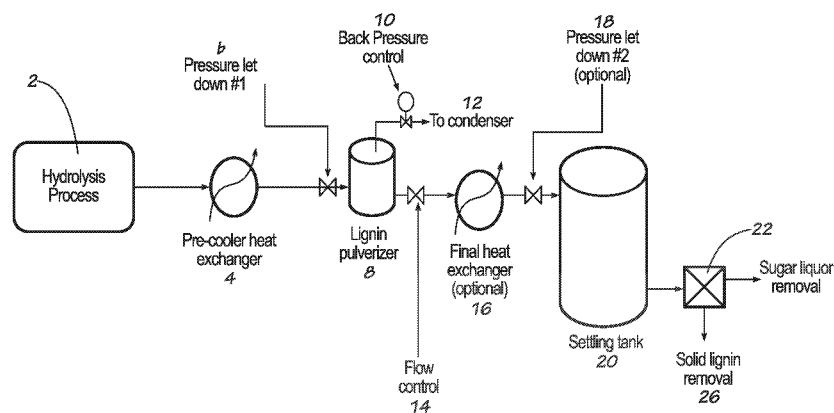
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(54) **Title:** LIGNIN PRODUCTION FROM LIGNOCELLULOSIC BIOMASS

**FIG. 1**

(57) **Abstract:** Methods are disclosed for preparing lignin from lignocellulosic biomass using rapid full or partial pressure reduction to separate and pulverize the lignin without fouling the equipment and with improved energy recovery.