



(12) Patent specification

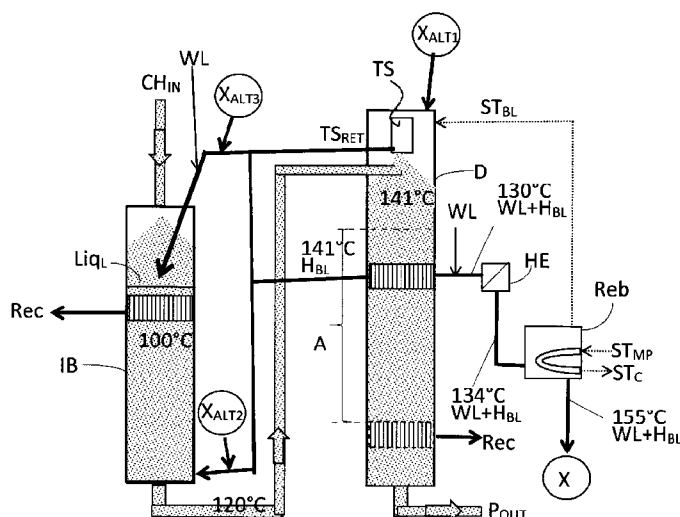
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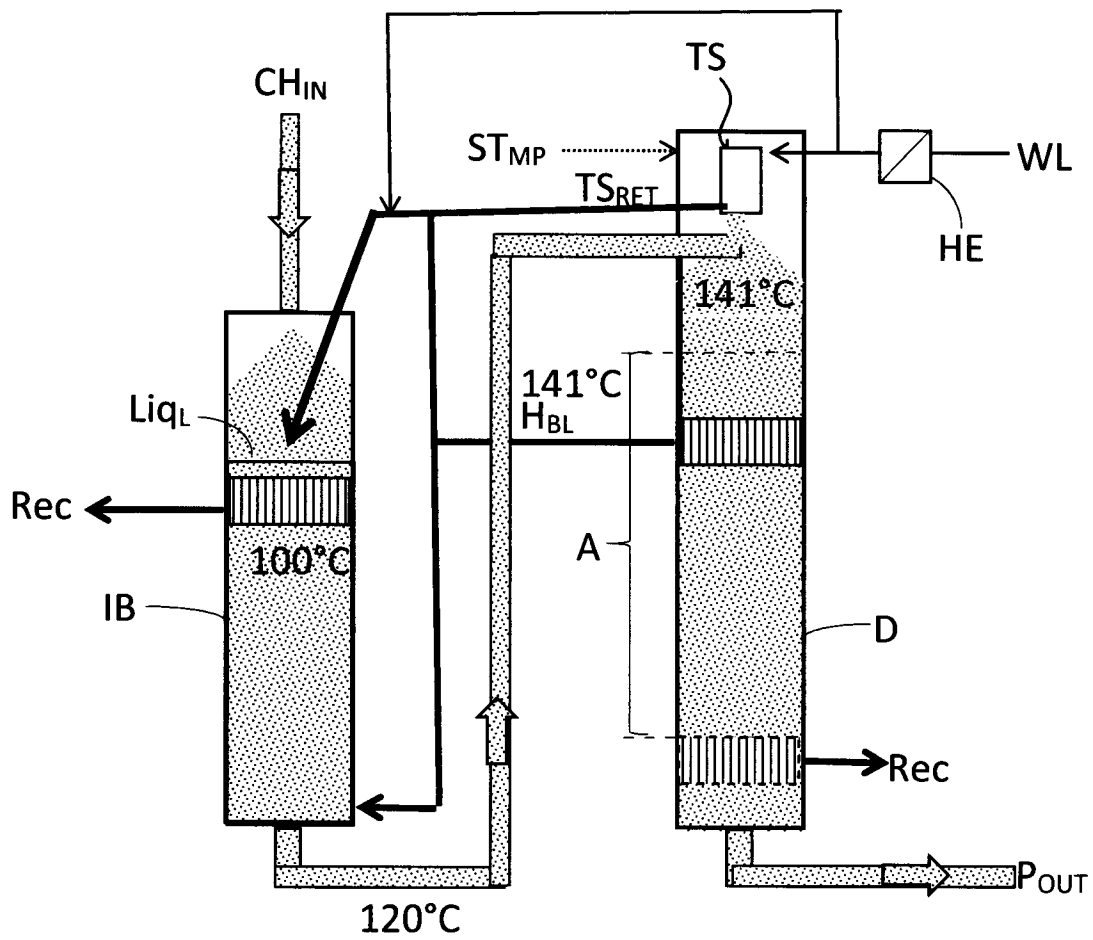
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 (54) Title: Method for heating cellulosic material to full cooking temperature in digesters
 WO 9835091 A1 · SE 453673 B · GULLICHSEN, J. , FOGELHOLM, C-J,
 (56) Cited documents: "4.1 Isothermal cooking (ITC)" ingår i: Chemical Pulping, Helsingfors: Fapet Oy, 2000, Bok 6A, s. A548-A549, ISBN 952-5216-06-3
 (57) Abstract:

The invention relates to an improved method for generating steam in a digester plant of a chemical pulp mill.

A mixture of alkaline cooking liquor and black liquor is before charge to the digester system heated in a reboiler producing black liquor steam used to heat the cellulosic feed material in digester top reaching full cooking temperature. By this method could addition of clean steam condensate to cooking liquor be avoided, and problems like lignin precipitation in black liquor heaters as well as alkaline corrosion in cooking liquor heaters may be totally avoided.





Prior Art
Fig. 1

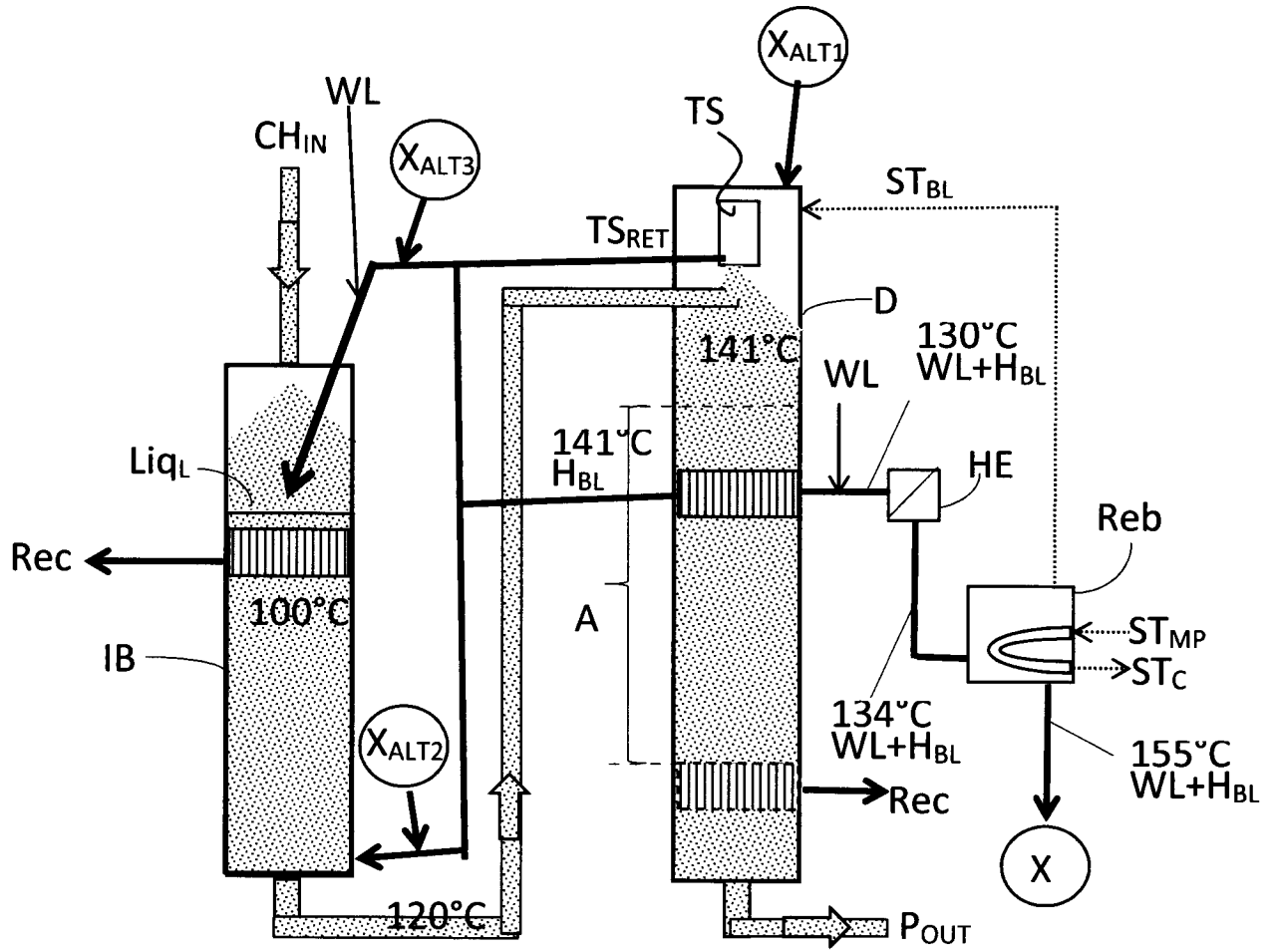


Fig. 2

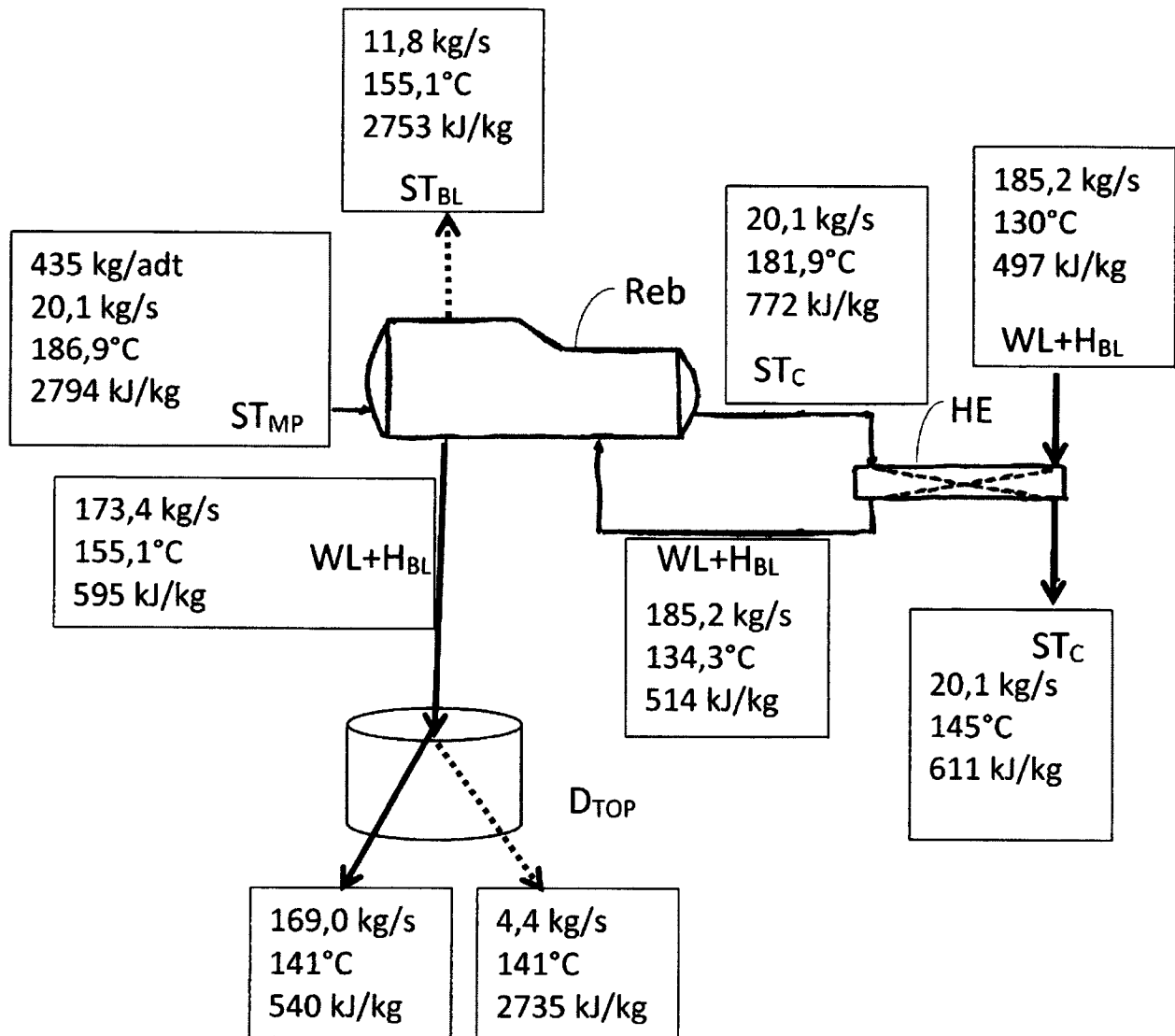


Fig. 3