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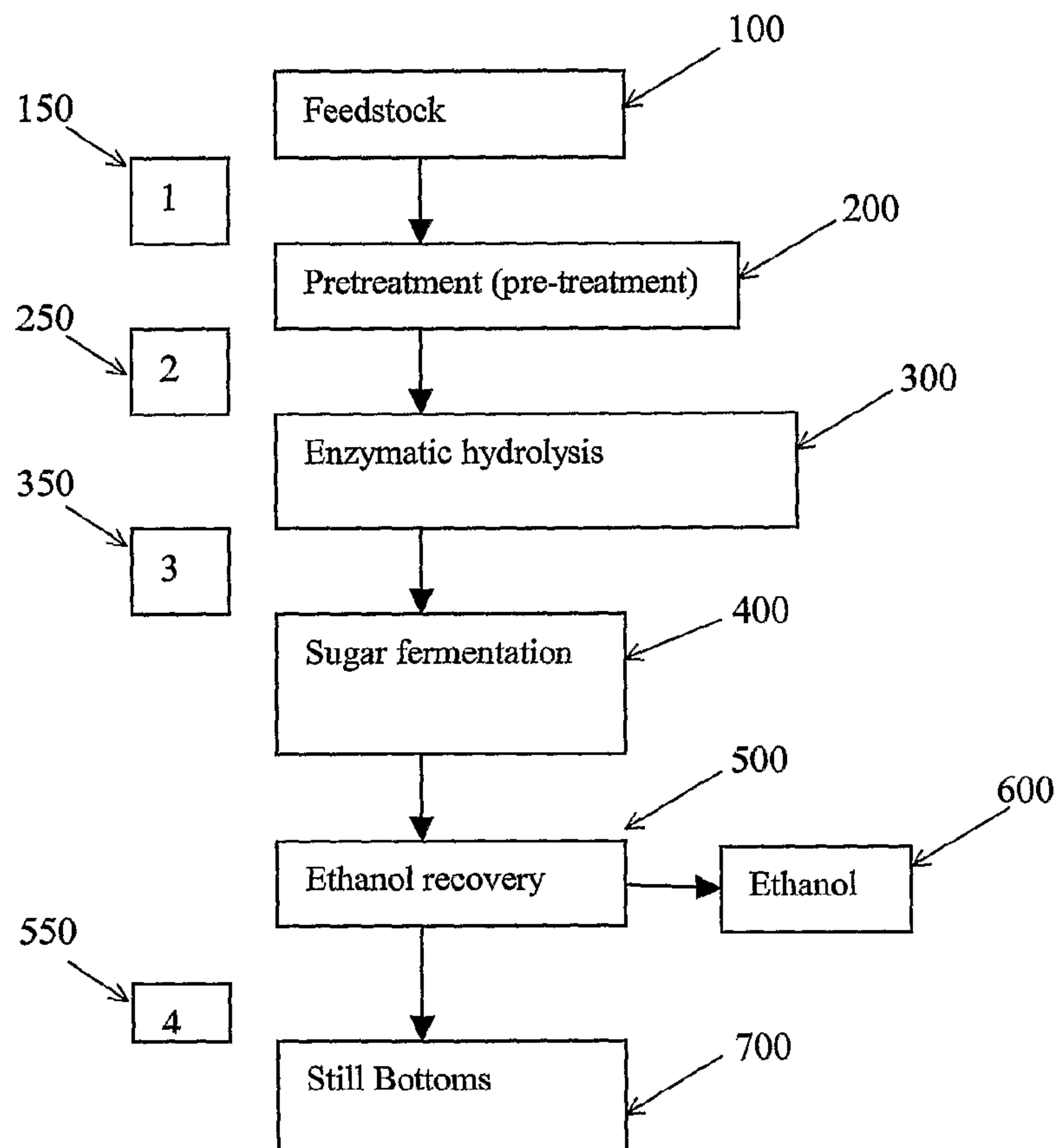
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(54) Titre : RECUPERATION DE SEL INORGANIQUE PENDANT LE TRAITEMENT D'ALIMENTS
LIGNOCELLULOSIQUES

(54) Title: RECOVERY OF INORGANIC SALT DURING PROCESSING OF LIGNOCELLULOSIC FEEDSTOCKS



(57) Abrégé/Abstract:

A method for recovering inorganic salt during processing of a lignocellulosic feedstock is provided. The method comprises pretreating the lignocellulosic feedstock by adding an acid to the feedstock to produce a pretreated lignocellulosic feedstock. A

(57) Abrégé(suite)/Abstract(continued):

soluble base is then added to the pretreated lignocellulosic feedstock to adjust the pH and produce a neutralized feedstock. The neutralized feedstock is then enzymatically hydrolyzed to produce an enzyme hydrolyzed feedstock and a sugar stream. Inorganic salt is recovered from either a stream obtained from the lignocellulosic feedstock prior to the step of pretreating, a stream obtained from the pretreated lignocellulosic feedstock, a stream obtained from the neutralized feedstock, a stream obtained from the sugar stream, or a combination of these streams. The inorganic salt may be concentrated, clarified, recovered and purified by crystallization, electrodialysis drying, or agglomeration and granulation, and then used as desired, for example as a fertilizer.

