

Title (en)

METHOD FOR PRODUCTION OF HEMICELLULOSE FROM LIGNOCELLULOSE MATERIAL

Title (de)

VERFAHREN ZUR GEWINNUNG VON HEMICELLULOSEN AUS LIGNOCELLULOSISCHEM MATERIAL

Title (fr)

PROCEDE DE PRODUCTION D'HEMICELLULOSES A PARTIR D'UN MATERIAU LIGNOCELLULOSIQUE

Publication

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Application

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Priority

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Abstract (en)

[origin: US2006128952A1] A process of recovering hemicellulose from lignocellulosic material (e.g., oat husks) is described. The process involves: (a) contacting lignocellulose with an aqueous alkaline solution, thereby forming an alkaline extract; and (b) contacting the alkaline extract with a precipitation bath that includes water and an organic liquid A which is miscible with water, thereby forming a precipitate comprising hemicellulose. In the method of the present invention: (i) the alkaline extract is not neutralised prior to contact with the precipitation bath; and (ii) after completion of precipitation step-(b) the precipitation bath includes organic liquid A in an amount of from 25 wt. % to 70 wt. %, based on the weight of the precipitation bath.

IPC 8 full level

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