

Title (en)

Process for digesting lignocellulosic material.

Title (de)

Verfahren zum Aufschluss von Lignocellulosematerial.

Title (fr)

Procédé de digestion de matière lignocellulosique.

Publication

**EP 0211558 A2 19870225 (EN)**

Application

**EP 86305606 A 19860722**

Priority

US 75959185 A 19850726

Abstract (en)

A process for digesting lignocellulosic material. Lignocellulosic material is introduced into a digestive zone along with a liquid composed of an ester with an organic lignin solvent capable of dissolving lignin, and water. The lignocellulosic material is digested at a temperature of 0 DEG C to 230 DEG C for a period of time sufficient to solubilize the lignin in the ester and the solvent. The process of the invention reduces the amount of water in the digestive zone to inhibit the hydrolysis of the cellulose, accelerate the delignification and provide a more economical chemical recovery system.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

US5730837A; EP0485150A1; EP0325891A1; US11053558B2; AT404478B; EP2489780A1; DE3830993A1; GB2209772A; GB2209772B; US11993624B2; WO2022125709A1; WO2012110231A1; US10767308B2; WO2024017949A1; WO2010058185A1

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