

Title (en)
Process for digesting lignocellulosic material.

Title (de)
Verfahren zum Aufschluss von Lignocellulosematerial.

Title (fr)
Procédé de digestion de matière lignocellulosique.

Publication
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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.

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CPC (source: EP)
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Cited by
US5730837A; EP0485150A1; EP0325891A1; US11053558B2; AT404478B; EP2489780A1; DE3830993A1; GB2209772A; GB2209772B; US11993624B2; WO2012110231A1; WO2022125709A1; US10767308B2; WO2024017949A1; WO2010058185A1

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