

Title (en)

Method, process and apparatus for converting wood, wood residue, vegetable fibre and biomass into pulp.

Title (de)

Weise, Verfahren und Vorrichtung zur Verwandlung von Holz, Holzrückständen, Pflanzenfasern und Biomassen in Pulpe.

Title (fr)

Méthode, procédé et appareil pour la conversion du bois, des résidus de bois, des fibres végétales et de la biomasse en pâte.

Publication

EP 0172135 A1 19860219 (EN)

Application

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Priority

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Abstract (en)

Lignocellulosic materials like tree chips, sawmill or vegetable fibres are converted into a high yield pulp in an integrated mill wherein parameters like time intervals, concentration of chemicals in relation to fibre dry weight, and feed rates for the individual steps are predetermined and controlled. The apparatus for carrying out the continuous process comprises means for chemical pretreatment (2) of the lignocellulosic material with sulphonating or oxidating agents and with complexants for metal ions, compression and dewatering (8), pressure steaming (10), decompression (12), non-compulsory washing (14), refining (16) and bleaching (20) of the pulp.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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