

Title (en)

PROCESS TO PRODUCE CHEMI-MECHANICAL PULP AND/OR CHEMI-THERMO-MECHANICAL PULP

Title (de)

HERSTELLUNG CHEMO-MECHANISCHER UND/ODER CHEMO-THERMO-MECHANISCHER HOLZSTOFFE

Title (fr)

PRODUCTION DE PATES A PAPIER CHIMIO-MECANIQUES ET/OU CHIMIO-THERMO MECANIQUES

Publication

EP 0688373 B1 19961009 (DE)

Application

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Abstract (en)

[origin: WO9420670A1] A process is disclosed for producing chemomechanical and/or chemothermomechanical wood products from lignocellulosic raw materials, such as wood chips. The raw materials are impregnated with a SO₂-containing solution and then subjected to a sulfonating reaction in a gaseous or vapour phase at a pH value equal to 2 or less. When the sulfonating reaction is finished, the raw materials or wood chips are defibrated in a defibrating unit known per se and are crushed down to a preselected fineness degree. The wood product thus obtained is characterized by remarkable solidity and by requiring a reduced specific crushing energy.

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IPC 8 full level

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