

Title (en)
PULP PRODUCTION METHOD AND APPARATUS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON ZELLSTOFF

Title (fr)
PROCEDE ET APPAREIL DE FABRICATION DE PATE

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Abstract (en)
[origin: WO9914424A1] Apparatus for production of pulp from plant material comprising, in sequence, a first feeder (9) for regulating the input of raw material, a boiler (11) for cooking the material to generate pulp, a second feeder (13) maintained at lower pressure than the boiler (11), a liquid extraction apparatus (15), an unloader (16) in which material is treated with steam, an accumulation reservoir (18) and means for removing pulp from the accumulation reservoir. The first feeder (9) may contain a screw (90, Fig. 4) having a stem (91, Fig. 4) which extends beyond the screw thread, the stem having a passage through which boiler solution is injected. The boiler (11) may contain a substantially vertical screw (111, Fig. 5) having a rotatable, perforated shaft. The liquid extraction (15) apparatus may comprise a screw apparatus containing at least two sets of rotatable cams, each set of cams being of different width. The accumulation reservoir (18) may have a bottom comprising means for keeping the pulp in constant motion.

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