

Title (en)

A METHOD FOR FEEDING HIGH-CONSISTENCY PULP TO A FORMATION SUPPORT AND A HIGH-CONSISTENCY PULP HEADBOX

Title (de)

VERFAHREN FÜR DIE ZUFUHR VON HOCHKONSISTENTEM ZELLSTOFF ZU EINEM HERSTELLUNGSTRÄGER UND STOFFAUFLAUF FÜR HOCHKONSISTENTEN ZELLSTOFF

Title (fr)

PROCÉDÉ POUR DÉLIVRER UNE PÂTE À HAUTE CONSISTANCE À UN SUPPORT DE FORMATION ET À UNE CAISSE DE TÊTE DE PÂTE À HAUTE CONSISTANCE

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Application

EP 08850448 A 20081113

Priority

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Abstract (en)

[origin: WO2009063135A1] Pulp at a high consistency of about 4 to 20% is fed from a slice (5) onto a formation support (2) that is permeable to water, for the manufacture of a fibre-based product. Before the slice (5), the pulp is led in the flow direction into a flow channel (4) tapering on at least part of its length and limited by a surface moving at a velocity different from the pulp flow velocity to fluidize the pulp. The pulp is fed by force into this flow channel (4) by means of a feeding device that supplies kinetic energy to the pulp and is separate from the moving surface, for example a high-consistency pump (P).

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