

Title (en)

HIGH ALPHA AND HIGH INTRINSIC VISCOSITY PULP PRODUCTION APPARATUSES, METHODS AND SYSTEMS

Title (de)

VORRICHTUNGEN, VERFAHREN UND SYSTEME ZUR HERSTELLUNG VON ZELLSTOFF MIT HOHEM ALPHA-ANTEIL UND HOHER EIGENVISKOSITÄT

Title (fr)

APPAREILS, PROCÉDÉS ET SYSTÈMES DE PRODUCTION DE PÂTE À VISCOSITÉ INTRINSÈQUE ÉLEVÉE ET À ALPHA ÉLEVÉ

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Application

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Abstract (en)

[origin: WO2020249992A1] The high alpha and high Intrinsic Viscosity pulp production apparatuses, methods and systems (hereinafter "high-A high-IV pulp production") disclosed herein provide for pulp processing used in connection with Kraft Processes (KP) or Pre Hydrolysis Kraft Processes (PHKP), embodiments employing a Cold Caustic Extraction (CCE) stage and/or appropriate washing and bleaching stages, resulting in pulp with high Intrinsic Viscosity (IV) and high purity, such as may be as determined by alpha cellulose content, and adequate brightness for use downstream in applications such as high tensile regenerated cellulose and ether applications, or other applications employing high IV pulp with significant purity (e.g., alpha cellulose > 92%).

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