

Title (en)

Process for improving retention and drainage in the manufacturing of paper, paperboard, cardboard

Title (de)

Verfahren zur Verbesserung der Retention und Entwässerung in der Herstellung von Papier, Pappe und Karton

Title (fr)

Procédé permettant d'améliorer la retention et la drainage dans la fabrication de papier, de carton mince et de carton

Publication

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Application

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Abstract (en)

The present invention refers to the manufacturing process of paper, paperboard, cardboard and similar products (such as cellulose, fiber cement, etc.) in which, at different points of the wet end of the machine, an enhanced, concentrated, liquid smectite (avoiding herewith the need of an on-site preparation unit) and a natural or synthetic polymer are added. <??>The said retention and drainage agents can be added in any order, thus improving the retention, drainage, formation and drying, without affecting the whiteness and enhancing the physical values of the paper, paperboard, cardboard and other similar products. <??>In view of the problems generated by process of prior art, it has been developed a retention and drainage system, called "TOP DUAL", recommended for the manufacturing of paper, paperboard, cardboard and other similar products, for acid, neutral and alkaline environments, in which basically two products or chemical compositions are added to the paper stock: c) A liquid secondary retention and drainage agent, called VERSINQUI A-250, with which the necessity of an expensive on-site preparation equipment is eliminated and d) A primary retention and drainage agent, called VERSINQUI; <IMAGE>

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Citation (search report)

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