

Title (en)

METHOD FOR MAKING PAPER USING A GELLING SYSTEM

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PAPIER MITTELS EINES GEL-SYSTEMS

Title (fr)

PROCEDE DE FABRICATION DE PAPIER UTILISANT UN SYSTEME GELIFIANT

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Application

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Abstract (en)

[origin: FR2764313A1] The invention concerns a novel method for making paper by forming and drying aqueous paper pulp containing cellulose paste and mineral fillers, consisting in incorporating in the parent paste before forming the sheet a gelling system comprising a polymer containing at least a hydroxyl group, and a crosslinking agent in aqueous solution containing a element selected among the group consisting of borate, zirconate, titanate and their mixture. The cross-linking agent/polymer weight ratio containing at least a hydroxyl group ranges between 0.025 to 2.

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