Title (en)

METHOD FOR TREATING PAPER AND USES THEREOF

Title (de)

VERFAHREN ZUR BEHANDLUNG VON PAPIER UND DESSEN VERWENDUNG

Title (fr)

PROCEDE DE TRAITEMENT DU PAPIER ET SES APPLICATIONS

Publication

EP 1402116 A1 20040331 (FR)

Application

EP 02748944 A 20020610

Priority

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- FR 0107640 A 20010612

Abstract (en)

[origin: FR2825726A1] The invention concerns a method for treating paper, in particular a method for deacidifying and reinforcing paper, and for preventing acidfication of paper, and the applications of said method. The treatment method is characterised in that it comprises impregnation of the paper to be treated with a solution containing at least a compound comprising several amine functions and one or more alkoxysilyls or silanes in an organic solvent or a organic solvent/water mixture, and drying the paper. The invention is useful for preserving and restoring old documents of collections or archives, such as books, manuscripts, posters, plans, maps or the like, and for protecting documents against acidification.
[origin: FR2825726A1] Providing a novel method for deacidification of paper. Method for deacidification of paper by: (i) impregnating it with a solution containing at least one compound (I) that contains at least one amino and at least one alkoxysilyl group (silane), in an organic solvent, optionally mixed with water; then (ii) drying.

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