

Title (en)
PROCESS AND DEVICE FOR MASS CONSERVATION OF ARCHIVES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR MASSENKONSERVIERUNG VON ARCHIVALIEN

Title (fr)
PROCEDE ET DISPOSITIF DE CONSERVATION A GRANDE ECHELLE D'ARCHIVES

Publication
EP 0542966 B1 19960508 (DE)

Application
EP 92911703 A 19920603

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Abstract (en)
[origin: US5421945A] PCT No. PCT/EP29/01229 Sec. 371 Date Feb. 1, 1993 Sec. 102(e) Date Feb. 1, 1993 PCT Filed Jun. 2, 1992 PCT Pub. No. WO92/21817 PCT Pub. Date Dec. 10, 1992. The mass preservation of archives by melting on them a binder combination reinforced with a nonwoven or woven fabric, in which a woven or nonwoven fabric on a supporting belt or supporting roller is impregnated with an aqueous, pollutant-free, self-cross-linking and/or not self-cross-linkable and/or pre-cross-linked dispersion, free of volatile solvents, of a thermoplastic binder with a high film-forming temperature above 60 DEG C., into which dispersion waxes or paraffins, with a concentration-based on the solids portion of the dispersion-of 3 to 10% by weight have been incorporated by hot precipitation, dried and, in conjunction with the substrate that is to be preserved, fused under the action of pressure and temperature by a brief temperature shock at a temperature appreciably exceeding the film-forming temperature to a substrate-sealing film with embedded nonwoven or woven fabric.

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