

Title (en)
PROCESS AND APPARATUS FOR THE CONSERVATION TREATMENT OF PAPER

Publication
EP 0273902 A3 19890503 (DE)

Application
EP 87890296 A 19871228

Priority
AT 345986 A 19861230

Abstract (en)
[origin: EP0273902A2] To preserve paper, especially having a high content of mechanical pulp, the paper to be treated, which can already be in the form of a block of up to 400 pages is impregnated with a preserving solution in a vacuum chamber, followed by shock freezing and freeze drying. A mixture of strengthening and neutralising agents, preferably a mixed solution of methylcellulose and calcium hydroxide, serves as the preserving solution.

IPC 1-7
D21H 5/00; D21H 1/48; D21H 3/02; D21H 3/72

IPC 8 full level
D21H 25/18 (2006.01)

CPC (source: EP)
D21H 25/18 (2013.01)

Citation (search report)

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- [A] FR 1144031 A 19571008 - SERVICES PUBLICS ET D IND SOC
- [A] US 4522843 A 19850611 - KUNDROT ROBERT A [US]
- [A] US 3969549 A 19760713 - WILLIAMS JOHN C, et al
- [A] DE 1938162 A1 19700205 - ETHYL CORP
- [A] US 3472611 A 19691014 - LANGWELL WILLIAM HERBERT
- [Y] ABSTRACT BULLETIN, Band 57, Nr. 5, November 1986, Seite 651, Nr. 5730, Appleton, Wisconsin, US; L.R. TAYLOR: "Restoration and identification of water-soaked documents: case study", & J. FORENSIC SCI. 31, Nr. 3: 1113-1118 (Juli 1986)
- [A] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, Band 56, Nr. 3, September 1985, Seite 353, Nr. 3090, Appleton, Wisconsin, US; C. BAKER: "Seminar on paper sizing [held] May 21, 1985 [in] Washington, D.C.: Program, Abstracts, Bibliography and Glossary", & Am. INST. CONSERV.: 47p (c1985)

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Designated contracting state (EPC)
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