

Title (en)
PAPER FOR PHOTOGRAPH

Publication
EP 0362823 A3 19901031 (EN)

Application
EP 89118412 A 19891004

Priority
• JP 24896588 A 19881004
• JP 24896788 A 19881004
• JP 24896888 A 19881004

Abstract (en)
[origin: EP0362823A2] A paper for photographic containing a nonionic antifoamer of which the components do not include silicone nor propylene oxide, a paper for photograph containing a nonionic mineral oil antifoamer of which the components include silicone or silicone-modified silica and having a pH of 3.5 to 5.5 measured by the cool water extracting method, and a paper for photograph which contains a water-soluble aluminum salt and at least one of rosin sizing agent, polyacrylamide or polyamide-epoxy resin and has a pH of 3.5 to 6.0 measured by the cool water extracting method. In the above papers for photograph, silicone and propylene oxide which are harmful with respect to photographic properties are removed, or propylene oxide is removed and silicone is rendered harmless by adjusting the pH to an acidic range. Or, particular sizing agent and paper strong agent less affecting photographic properties within a particular acidic range are selected.

IPC 1-7
G03C 1/775

IPC 8 full level
D21H 21/12 (2006.01); **G03C 1/775** (2006.01)

CPC (source: EP)
D21H 21/12 (2013.01); **G03C 1/775** (2013.01)

Citation (search report)
• GB 2155004 A 19850918 - SANDOZ LTD
• US 4340500 A 19820720 - BOYLAN FRANCIS J
• EP 0253911 A1 19880127 - SCHOELLER F JUN GMBH CO KG [DE]
• [A] US 4107073 A 19780815 - MACIASZEK JOSEPH A
• [A] US 3207698 A 19650921 - RAYMOND LIEBLING, et al
• [X] US 3592731 A 19710713 - GRIGGS WILLIAM H
• [X] DE 3606806 C1 19870625 - SCHOELLER F JUN GMBH CO KG
• [X] EP 0213231 A1 19870311 - SCHOELLER F JUN GMBH CO KG [DE]
• [X] CHEMICAL ABSTRACTS, Vol. 105, No. 14, 6th October 1986, page 115, Abstract 117036u, Columbus, Ohio, US; & RO-A-88160 (INTREPRINDEREA DE DETERGENTI, TIMISOARA) 30-12-1985, Abstract.
• [A] CHEMICAL ABSTRACTS, Vol. 83, No. 16, 20th October 1975, page 135, Abstract 133771n, Columbus, Ohio, US; & JP-A-50 059 503 (NITTO CHEMICAL INDUSTRY CO. LTD) 22-05-1975, Abstract.
• [X] ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER CHEMISTRY, Vol. 59, No. 2, August 1988, page 157, Appleton, US; R.E. PATTERSON: "Influence of silica properties on performance of antifoams in pulp and paper applications", Abstract.

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DE NL

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EP 0362823 A2 19900411; EP 0362823 A3 19901031; EP 0362823 B1 19960703; DE 68926770 D1 19960808; DE 68926770 T2 19961031

DOCDB simple family (application)
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