

Title (en)

BIOCIDAL PAPER, BIOCIDAL VALUE DOCUMENT, AND METHOD FOR PRODUCING SAME

Title (de)

BIOZIDES PAPIER, BIOZIDES WERTDOKUMENT UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)

PAPIER BIOCIDÉ, DOCUMENT DE VALEUR BIOCIDÉ ET PROCÉDÉ DE FABRICATION CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2022189043A2] The invention relates to a paper which contains a component (a) and optionally a component (b), wherein the component (a) contains a benzalkonium halogenide, and the component (b) contains at least one compound which is selected from the group consisting of didecyldimethylammonium halide, 3-iod-2-propinyl butyl carbamate, diiodomethyl-p-tolyl sulfone, and tiabendazol. If component (b) contains a didecyldimethylammonium halide, component (b) preferably also contains  $\gamma$ -cyclodextrin. The invention also relates to a method for producing the paper and to a method for testing the foaming behavior of compositions which contain didecyldimethylammonium halide. The paper according to the invention is suitable in particular as a security paper for producing value documents such as banknotes. By using a benzalkonium halogenide, preferably in combination with at least one compound of the component (b), the paper is equipped to be virucidal, bactericidal, and fungicidal.

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