

Title (en)

SECURITY PAPER AND DOCUMENT AGAINST FORGERY BY A CHEMICAL AGENT

Publication

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Application

EP 85401558 A 19850731

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Abstract (en)

[origin: US4618402A] The paper according to the invention contains a non-fluorescent means against chemical falsification, reacting to the oxidizing agent/reducing agent couple. The paper according to the invention contains iron(III) and a product giving a complex colored with iron(II). Any attempt to falsify by chemical means provokes the reduction of the iron(III) into iron(II) immediately followed by the formation of the colored complex. According to the invention, the complexing agent is preferably 2,2-bipyridyl. Another complexing agent is orthophenantroline.

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D21H 5/10; B44F 1/12

IPC 8 full level

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Cited by

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