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(54) Title: PROTECTIVE COATINGS FOR SECURITY DOCUMENTS

(57) Abstract: The present invention relates to the field of the protection of security documents, in particular banknotes, against premature detrimental influence of soil and/or moisture upon use and time. In particular, it relates radiation curable protective varnishes comprising one or more cationically curable compounds and one or more di-hydroxyl-terminated perfluoropolyether compounds of the general formula $\text{HO}-(\text{CH}_2\text{CH}_2\text{O})_c-\text{CH}_2-\text{CF}_2\text{O}-(\text{CF}_2-\text{CF}_2-\text{O})_a-(\text{CF}_2\text{O})_b-\text{CF}_2-\text{CH}_2-(\text{OCH}_2\text{CH}_2)_d-\text{OH}$, wherein a and b independently are integers in a range between 0 and 50, wherein $a + b \geq 1$, and wherein c and d may be the same or different and are in the range of 1-20, and their uses for providing a protective coating or layer on a security document.



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