

Title (en)

MULTIFUNCTIONALLY USABLE COATING DISPERSION FOR PRINTING SUBSTRATES

Title (de)

MULTIFUNKTIONAL EINSETZBARE STREICHFARBENDISPERSION FÜR DRUCKTRÄGER

Title (fr)

DISPERSION DE REVETEMENT UTILISABLE DE MANIERE MULTIFONCTIONNELLE POUR DES SUBSTRATS D'IMPRESSION

Publication

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Application

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Abstract (en)

[origin: US2006235129A1] The disclosure relates to a coating dispersion for coating printing substrates, especially paper and paperboard. Said dispersion is constituted of at least one defined percentage of water, a defined percentage of a swellable phyllosilicate and a defined percentage of a cross-linking agent. The cross-linking agent forms a bond with at least one functional group of the phyllosilicate as well as with at least one functional group of the printing substrate. The invention also relates to a method for producing a coated printing substrate onto which a coating dispersion is mechanically applied and dried, whereby the coating dispersion comprises at least the aforementioned components.

IPC 8 full level

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