

Title (en)

AQUEOUS INKJET INKS WITH IONICALLY STABILIZED DISPERSIONS AND POLYURETHANE INK ADDITIVES

Title (de)

WÄSSRIGE FARBSTRAHLTINTEN MIT IONISCH STABILISIERTEN DISPERSIONEN UND POLYURETHAN-TINTENZUSATZSTOFFEN

Title (fr)

ENCRES AQUEUSES POUR JET D'ENCRE CONTENANT DES DISPERSIONS IONIQUES STABILISÉES ET DES ADDITIFS POUR ENCRES À BASE DE POLYURÉTHANNE

Publication

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Application

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Abstract (en)

[origin: WO2009076386A1] Inks that contain ionically stabilized dispersions and selected polyurethane ink additives are described. These ionically stabilized dispersions are obtained from polymeric dispersants where the hydrophilic components are minimized. These stabilized dispersions can be utilized to prepare ink jet inks which when printed result in improved optical density, chroma, gloss and especially distinctness of image. The stability of the ionically stabilized dispersions are sufficient for ink jet inks. The polyurethane ink additives are chosen from polyurethanes which are urea terminated or crosslinked.

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