

Title (en)
JET INK COMPOSITION

Title (de)
TINTENSTRAHL-TINTENZUSAMMENSETZUNG

Title (fr)
COMPOSITION D'ENCRE DE JET

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Abstract (en)
[origin: WO9717409A1] The present invention provides a jet ink composition having short drying times and suitable for printing on food and pharmaceutical articles comprising a first organic solvent, a first binder resin, and a surface modified or coated colorant. The first binder resin is selected from the group consisting of shellac and polyvinylpyrrolidone. The first organic solvent is preferably ethanol. The jet ink composition may further comprise water, a pH adjusting agent such as ammonium hydroxide, and other additives. The surface modified or coated colorant comprises an inorganic colorant such as titanium dioxide, a second organic solvent such as ethanol, and one or more second binder resins selected from the group consisting of shellac, polyvinylpyrrolidone, and cellulose ethers such as methylcellulose and ethylcellulose. The present invention also provides an improved method of jet printing whereby short drying times and high print quality are achieved, the improvement comprising using the jet ink composition of the present invention. The jet ink composition of the present invention is particularly suitable for use on glazed candies.

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