

Title (en)

Method of forming a phase change ink image on a self-laminating recording medium

Title (de)

Bilderzeugungsverfahren, das eine Phasenaustauschtinte auf einem selbstlaminierenden Aufzeichnungsmedium verwendet

Title (fr)

Procédé de formation d'image utilisant une encre à changement de phase sur un matériau auto-laminant

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Application

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Abstract (en)

[origin: EP1892115A1] The present invention pertains to a method of creating an image on a recording medium (2) comprising a support (15, 16) having thereon a porous fusible layer (17), using an ink composition (20) that is solid at room temperature and liquid at elevated temperature comprising the steps of generating droplets of the ink composition with an ink jet print head (4), transferring the droplets of the ink composition to the surface of the fusible layer (17), thermally treating the recording medium such that the ink transferred to fusible layer passes into the medium away from the surface of the fusible layer whilst the fusible layer remains substantially unfused, and when the ink has passed into the medium, treating the recording medium to fuse the fusible layer to become a protective overcoat (17'). The invention also pertains to a system for creating an image on a recording medium.

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