

Title (en)  
SHEENY INK JET PRINTING MATERIAL

Title (de)  
SEIDENGLÄNZENDES TINTENSTRAHLAUFEICHNUNGSMATERIAL

Title (fr)  
MATÉRIAU POUR IMPRESSION À JET D'ENCRE PRÉSENTANT UN ÉCLAT SOYEUX

Publication  
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Application  
**EP 02727392 A 20020309**

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Abstract (en)  
[origin: WO02072359A1] The invention relates to a method for producing an ink jet printing material involving: a) the application of an aqueous coating slip containing a pigment and a binding agent to at least one surface of a substrate in order to form at least one ink jet receiving layer; b) the application of an aqueous coating slip containing cationic inorganic particles, a binding agent and a release agent onto the ink jet receiving layer(s) in order to form a surface layer; c) the partial drying of the printing material to a total wetness of 14 to less than 20 wt. % water with regard to the total weight of the printing material, and d); bringing the partially dried printing material into contact with a heated metal cylinder without rewetting the line. This results in obtaining an ink jet printing material containing a substrate, an ink jet receiving layer, which is located on at least one side of the substrate and which contains a pigment and a binding agent, and a surface layer situated thereon, whereby the surface layer contains cationic, inorganic particles, a binding agent, and a release agent, and the surface layer has a degree of gloss ranging from 5 to 35 when measured in accordance with DIN 54502 R'(75 DEG ) (angle of measurement 75 DEG ) and a surface smoothness of less than 2.5  $\mu\text{m}$  according to the Parker-Print-Surf (PPS) and in accordance with DIN-ISO 8791-4.

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