

Title (en)
Carbonless paper for ink jet printing.

Title (de)
Kohlenstoff-freies Papier für Tintenstrahldruck.

Title (fr)
Papier sans carbone pour l'impression à jet d'encre.

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Application
EP 91310758 A 19911121

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US 61697190 A 19901121

Abstract (en)
The invention relates to a carbonless paper and to an ink jet printing process employing the carbonless paper. The ink jet printing process involves a process for generating images which comprises incorporating into an ink jet printing apparatus a carbonless paper set which comprises a first sheet comprising a support containing a color developer capable of reacting with a color former to produce a color image, and a second sheet comprising a support coated with the color former; characterised in that said color developer comprises high surface area silica particles, and forming an image on the first sheet by causing ink to be expelled in droplets on a surface containing the color developer; and forming an image on the second sheet by causing ink to be expelled in droplets onto the surface opposite to that coated with the color former. In a preferred embodiment there is provided a carbonless paper set which comprises a first sheet comprising a support containing a color developer capable of reacting with a color former to produce a color image, and a second sheet comprising a support coated with the color former, characterised in that said color developer comprises silica particles having a surface area of from about 100 to about 195 square meters per gram.

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