

Title (en)  
Improved self-adhesive transfer paper

Title (de)  
Verbessertes selbstklebendes Transferpapier

Title (fr)  
Papier de transfert autocollant amélioré

Publication  
**EP 2327560 B1 20120620 (DE)**

Application  
**EP 09177345 A 20091127**

Priority  
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Abstract (en)  
[origin: EP2327560A1] The method for the production of self-adhesive transfer paper for ink jet printing, comprises applying a first aqueous fluid on front side of a paper to be printed, where the first aqueous fluid consists of a hydrophilic organic polymer such as ammonium polyacrylate, and then drying, if necessary applying a second aqueous fluid on the back side of the paper, where the second aqueous fluid consists of a hydrophilic organic polymer and then drying, and applying a third aqueous fluid on the front side of the paper to be printed, where the third aqueous fluid consists of a thermoactive adhesive. The method for the production of self-adhesive transfer paper for ink jet printing, comprises applying a first aqueous fluid on front side of a paper to be printed, where the first aqueous fluid consists of a hydrophilic organic polymer such as ammonium polyacrylate, and then drying, if necessary applying a second aqueous fluid on the back side of the paper, where the second aqueous fluid consists of a hydrophilic organic polymer and then drying, and applying a third aqueous fluid on the front side of the paper to be printed, where the third aqueous fluid consists of a thermoactive adhesive and polyvinyl alcohol and then drying. The first aqueous fluid consists of 20-40 wt.% of ammonium polyacrylate and the second aqueous fluid consists of 5-15 wt.% of ammonium polyacrylate as hydrophilic organic polymer. The first and second aqueous fluid are applied on the paper in a quantity of 15-25 g per cm<sup>2</sup>. The hydrophilic polymer is applied in a quantity of 2-20 g of dry weight on the front side of the paper. The first and second aqueous fluid have a pH-value of 5-6. The third fluid consists of thermoactive adhesive such as silicon adhesive (1-20 wt.%) and a polyvinyl alcohol (10-20 wt.%) and is applied in a quantity of 20-30 g/m<sup>2</sup> on the paper. Independent claims are included for: (1) a self-adhesive transfer paper; (2) a method for printing a transfer paper; (3) a printed self-adhesive transfer paper; and (4) a method for printing textiles.

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