

Title (en)

PROCESS FOR PRODUCING PRINTING MATERIALS FOR INK JET PRINTERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON AUFZEICHNUNGSMATERIALIEN FÜR TINTENSTRAHLDRUCKER

Title (fr)

PROCEDE DE PRODUCTION DE MATERIAUX D'IMPRESSION POUR IMPRIMANTES A JET D'ENCRE

Publication

EP 0728072 B1 19970514 (DE)

Application

EP 94931020 A 19941031

Priority

- DE 4338486 A 19931111
- EP 9403584 W 19941031

Abstract (en)

[origin: US5672392A] PCT No. PCT/EP94/03584 Sec. 371 Date May 8, 1996 Sec. 102(e) Date May 8, 1996 PCT Filed Oct. 31, 1994 PCT Pub. No. WO95/13194 PCT Pub. Date May 18, 1995A process for the preparation of recording materials for inkjet printers by applying aqueous coating compositions to one or both sides of a sheet of paper which has been treated with size, where the coating compositions contain from 20 to 200 g/l of starch and from 1 to 50 g/l of a copolymer which is obtainable by emulsion copolymerization of 100 parts by weight of a monomer mixture comprising (a) from 10 to 65 parts by weight of styrene, alpha -methylstyrene, acrylonitrile and/or methacrylonitrile, (b) from 30 to 85 parts by weight of acrylic and/or methacrylic esters of alcohols having 1 to 18 carbon atoms, (c) from 5 to 25 parts by weight of monomers containing tertiary and/or quaternary amino groups, and (d) from 0 to 20 parts by weight of other monoethylenically unsaturated monomers in an aqueous medium in the presence of from 12 to 300% by weight, based on the monomers, of at least one natural or synthetic protective colloid.

IPC 1-7

B41M 5/00; **D21H 19/54**; **D21H 19/58**

IPC 8 full level

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