

Title (en)

PROCESS FOR PRINTING A SUBSTRATE RESISTANT TO A HEAT OF MORE THAN 220 DEGREES C

Publication

EP 0014901 B1 19840627 (DE)

Application

EP 80100607 A 19800206

Priority

- DE 2914704 A 19790411
- DE 7903604 U 19790209
- DE 7919777 U 19790711
- DE 7919791 U 19790711
- DE 7919792 U 19790711
- DE 7919806 U 19790711
- DE 7919807 U 19790711
- DE 7919836 U 19790711
- DE 7919853 U 19790711

Abstract (en)

[origin: EP0014901A2] 1. Process for imprinting a substrate withstanding heating to above 220 degrees C according to the transfer print method by coating the substrate with a plastic having affinity for the printing inks, applying an auxiliary support imprinted with sublimable dispersion dyes to the plastic coating, and transferring the dispersion dyes by dry heat treatment into the plastic coating, characterized in that as dispersions dyes high molecular dispersion dyes having molecular weights between 340 and 1000 and as plastic for the coating of the substrate at least one crosslinked duroplast selected from the group consisting of phenoplasts, aminoplasts, polyesters, polyphenylene sulfide resins, silicone resins, acrylate resins, alkyd resins, polyethylene sulfide resins and/or unsaturated polyester resins are used.

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IPC 8 full level

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CPC (source: EP)

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Cited by

GB2117320A; US5997677A; EP0488484A1; EP0791476A1; EP0060107A3; US5362703A; US5614463A; CN116496659A; DE10032555A1; US4664672A; FR2521489A1; EP0734880A1; FR2593743A1; EP0218168A3; EP0119548A3; US4681034A; FR2509668A1; EP0060107A2; US6635142B1; WO2008087674A1; WO0032420A1; US9850669B2; US9951525B2; US9970198B2

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