

Title (en)
PROCESS FOR DYEING PAPER

Publication
EP 0061173 B1 19840725 (DE)

Application
EP 82102280 A 19820319

Priority
DE 3111712 A 19810325

Abstract (en)
[origin: ES8303581A1] A process for coloring paper with an acid dye and/or direct dye in an aqueous medium in the presence of a water-soluble reaction product of an alkylating agent, possessing an aromatic substituent, with a cationic polyelectrolyte. The process gives papers with high color strength and substantially avoids cylinder twosidedness of the coloration.

IPC 1-7
D21H 3/80

IPC 8 full level
D21H 19/10 (2006.01); **D21H 17/07** (2006.01); **D21H 17/55** (2006.01); **D21H 21/28** (2006.01)

CPC (source: EP US)
D21H 17/55 (2013.01 - EP US); **D21H 21/28** (2013.01 - EP US); **Y10S 8/919** (2013.01 - US)

Cited by
US5554261A; EP0309908A3; US5131981A

Designated contracting state (EPC)
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EP 0061173 A1 19820929; EP 0061173 B1 19840725; AT E8675 T1 19840815; AU 8186082 A 19820930; CA 1172004 A 19840807; DE 3111712 A1 19821007; DE 3260434 D1 19840830; DK 132682 A 19820926; ES 510756 A0 19830201; ES 8303581 A1 19830201; FI 70740 B 19860626; FI 70740 C 19861006; FI 820653 L 19820926; JP S57171797 A 19821022; NO 820961 L 19820927; NZ 200113 A 19840928; US 4383834 A 19830517; ZA 821981 B 19830223

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EP 82102280 A 19820319; AT 82102280 T 19820319; AU 8186082 A 19820324; CA 397457 A 19820303; DE 3111712 A 19810325; DE 3260434 T 19820319; DK 132682 A 19820324; ES 510756 A 19820324; FI 820653 A 19820225; JP 4648882 A 19820325; NO 820961 A 19820323; NZ 20011382 A 19820324; US 35014382 A 19820219; ZA 821981 A 19820324