

Title (en)  
Ink jet recording element and printing method

Title (de)  
Tintenstrahl-Aufzeichnungselement und -Aufzeichnungsverfahren

Title (fr)  
Matériau et procédé d'impression au jet d'encre

Publication  
**EP 1170145 A3 20030827 (EN)**

Application  
**EP 01202336 A 20010618**

Priority  
• US 61073600 A 20000706  
• US 61112300 A 20000706

Abstract (en)  
[origin: EP1170145A2] An ink jet recording element comprising a substrate having thereon an image-receiving layer comprising a polymeric mordant and a polymeric binder containing a stabilizer having the following formula: <CHEM> wherein: each R individually represents a substituted or unsubstituted alkyl or alkoxy group having from 1 to 7 carbon atoms; a phenyl group having from 6 to 10 carbon atoms; a phenoxy group having from 6 to 10 carbon atoms; a carbonamido group having from 1 to 8 carbon atoms; or two or more R groups can be combined together to form a ring structure; n is 1 to 4; L is a linking group containing at least one carbon atom; and M<+> is a monovalent cation; with the proviso that the total number of carbon atoms in all the R's and L taken together is at least 3, and at least one R is the alkoxy group.

IPC 1-7  
**B41M 5/00**

IPC 8 full level  
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CPC (source: EP)  
**B41M 5/5227** (2013.01); **B41M 5/5236** (2013.01); **B41M 5/5245** (2013.01); **B41M 5/5254** (2013.01)

Citation (search report)  
• [X] EP 0373573 A1 19900620 - CIBA GEIGY AG [CH]  
• [XD] EP 0882600 A2 19981209 - AGFA GEVAERT AG [DE]  
• [PA] EP 1029703 A1 20000823 - OJI PAPER CO [JP]  
• [A] EP 0956970 A1 19991117 - AGFA GEVAERT AG [DE]  
• [A] EP 0897808 A1 19990224 - XEROX CORP [US]  
• [A] WO 9965702 A1 19991223 - MINNESOTA MINING & MFG [US]  
• [A] DATABASE WPI Section Ch Week 198942, Derwent World Patents Index; Class E19, AN 1989-303576, XP002245835

Cited by  
EP1226964A3

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