

Title (en)

Ink jet recording element and printing method

Title (de)

Tintenstrahlaufzeichnungselement und Druckverfahren

Title (fr)

Élément pour impression par jet d'encre et procédé d'impression

Publication

EP 1403089 B1 20060802 (EN)

Application

EP 03077943 A 20030918

Priority

- US 26066302 A 20020930
- US 26012802 A 20020930

Abstract (en)

[origin: EP1403089A2] An ink jet recording element having a support having thereon in order: a) at least one porous, ink carrier liquid receptive layer; b) a fusible, porous dye-trapping layer of fusible polymeric particles, a binder, and a dye mordant; and c) a fusible, porous ink-transporting layer of fusible, polymeric particles and a film-forming, hydrophobic binder.

IPC 8 full level

B41J 2/01 (2006.01); **B41M 5/00** (2006.01); **B41M 5/50** (2006.01); **B41M 5/52** (2006.01); **B41M 7/00** (2006.01)

CPC (source: EP)

B41M 5/506 (2013.01); **B41M 5/52** (2013.01); **B41M 5/502** (2013.01); **B41M 5/5245** (2013.01); **B41M 7/0027** (2013.01); **B41M 2205/38** (2013.01)

Cited by

EP1629989A3; US8945693B2; US8709554B2; WO2008124731A1; WO2008067202A3; EP1629989A2; US7850774B2; US7559643B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 1403089 A2 20040331; **EP 1403089 A3 20040908**; **EP 1403089 B1 20060802**; DE 60307193 D1 20060914; DE 60307193 T2 20070628; JP 2004122782 A 20040422; JP 4339656 B2 20091007

DOCDB simple family (application)

EP 03077943 A 20030918; DE 60307193 T 20030918; JP 2003337302 A 20030929