

Title (en)
IMPROVED INK FOR INK JET PRINTERS

Title (de)
VERBESSERTE TINTE ZUM STRAHLDRUCKEN

Title (fr)
ENCRE AMELIOREE POUR IMPRIMANTES A JET D'ENCRE

Publication
EP 0830432 A1 19980325 (EN)

Application
EP 96917254 A 19960605

Priority
• US 9609414 W 19960605
• US 46136595 A 19950605

Abstract (en)
[origin: WO9639467A1] An improved ink suitable for ink jet printing comprising, a mixture of a colorant, an arylketoalkene stabilizing compound or a photoreactor, and a liquid vehicle, wherein the colorant is light-stable. When the photoreactor is combined with a wavelength-selective sensitizer to form a radiation transorber, the colorant is mutable upon exposure of the radiation transorber to specific, narrow bandwidth radiation. The colored composition may also contain a molecular includant having a chemical structure which defines at least one cavity wherein each of the colorant and photoreactor or radiation transorber is associated with the molecular includant. The invention also includes ink jet print cartridges containing the improved ink, ink jet printers containing the improved ink and methods of printing using the improved ink.

IPC 1-7
C09D 11/00

IPC 8 full level
B41J 2/01 (2006.01); **C09D 11/00** (2006.01)

CPC (source: EP)
C09D 11/30 (2013.01); **C09D 11/50** (2013.01)

Citation (search report)
See references of WO 9639467A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9639467 A1 19961212; AU 5989596 A 19961224; BR 9608339 A 19990511; CA 2219462 A1 19961212; CO 4440539 A1 19970507; CO 4560589 A1 19980210; EP 0830432 A1 19980325; JP H11506800 A 19990615; MX 9709102 A 19980228; ZA 964611 B 19961212

DOCDB simple family (application)
US 9609414 W 19960605; AU 5989596 A 19960605; BR 9608339 A 19960605; CA 2219462 A 19960605; CO 95035280 A 19950808; CO 95035280 D 19950808; EP 96917254 A 19960605; JP 50173697 A 19960605; MX 9709102 A 19960605; ZA 964611 A 19960604