

Title (en)

INTERFACE SURFACE PRINTER USING INVISIBLE INK

Title (de)

SCHNITTSTELLEN OBERFLÄCHEN-DRUCKER WELCHER UNSICHTBARE TINTE VERWENDET

Title (fr)

IMPRIMANTE A ENCRE SYMPATHIQUE IMPRIMANT UNE INTERFACE SUR UNE SURFACE

Publication

**EP 1311396 A4 20050608 (EN)**

Application

**EP 01957634 A 20010814**

Priority

- AU 0100996 W 20010814
- AU PQ941200 A 20000814
- AU PQ937600 A 20000814
- AU PQ950900 A 20000818
- AU PQ956100 A 20000821
- AU PQ957100 A 20000821

Abstract (en)

[origin: WO0214437A1] An infrared dye, characterised in that the dye comprises two bridged diarylpolymethine type dyes or derivatives thereof connected together at either the 3, 4, 5 or 6 position by a central moiety such that the two dyes are located on each side of the central moiety, wherein the infrared dye absorbs strongly in the near infrared region of the spectrum but poorly in the visible region of the spectrum.

IPC 1-7

**B41J 3/51**; **C09D 11/00**

IPC 8 full level

**B41J 3/51** (2006.01); **C09D 11/00** (2006.01)

CPC (source: EP)

**B41J 3/51** (2013.01); **C09B 57/007** (2013.01); **C09D 11/328** (2013.01); **C09D 11/50** (2013.01)

Citation (search report)

- [XA] US 5503904 A 19960402 - YOSHINAGA KAZUO [JP], et al
- [XA] EP 0997503 A1 20000503 - HEWLETT PACKARD CO [US]
- [XA] US 5301044 A 19940405 - WRIGHT JOSEPH D [CA]
- See references of WO 0214075A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0214437 A1 20020221**; **WO 0214437 A8 20020418**; EP 1311396 A1 20030521; EP 1311396 A4 20050608; WO 0214075 A1 20020221; WO 0214434 A1 20020221; WO 0214435 A1 20020221; WO 0214438 A1 20020221

DOCDB simple family (application)

**AU 0101002 W 20010814**; AU 0100996 W 20010814; AU 0100999 W 20010814; AU 0101000 W 20010814; AU 0101001 W 20010814; EP 01957634 A 20010814