

Title (en)
Ink composition for ink jet textile printing

Title (de)
Tintenzusammensetzung für Tintenstrahldruckverfahren von Textilien

Title (fr)
Composition d'encre pour procédé d'impression par jet d'encre de textiles

Publication
EP 1035248 A2 20000913 (EN)

Application
EP 00105080 A 20000310

Priority
JP 6716199 A 19990312

Abstract (en)
Disclosed are ink compositions for ink jet textile printing, comprising at least an acid dye, a surfactant, water, and at least one compound represented by formula (I), the ink composition having a viscosity of not more than 8.0 m·Pa·s (20°C), is printed on a woven fabric by means of a piezoelectric vibrator type ink jet recording head: wherein EP1, EP2, and EP3 each independently represent an ethyleneoxy or propyleneoxy group; and l, m, and n each are independently 0 or a natural number of 1 or more, provided that at least one of l, m, and n is 1 or more with the average of l + m + n in the whole compound represented by formula (I) contained in the ink composition being 1 to 30.

IPC 1-7
D06P 5/30; D06P 1/39; D06P 1/613; D06P 1/651

IPC 8 full level
D06P 1/39 (2006.01); D06P 1/613 (2006.01); D06P 1/651 (2006.01); D06P 5/30 (2006.01)

CPC (source: EP)
D06P 1/39 (2013.01); D06P 1/6133 (2013.01); D06P 1/65118 (2013.01); D06P 1/65131 (2013.01); D06P 5/30 (2013.01)

Citation (applicant)

- JP H05255627 A 19931005
- JP H0625576 A 19940201 - KANEBO LTD
- JP H07258982 A 19951009 - KANEBO LTD
- JP H09296380 A 19971118 - CANON KK
- WO 9309194 A1 19930513 - DU PONT [US]
- EP 1010802 A2 20000621 - SEIKO EPSON CORP [JP]
- JP H05116327 A 19930514 - SEIKO EPSON CORP
- JP H04339656 A 19921126 - SEIKO EPSON CORP
- JP H04339662 A 19921126 - SEIKO EPSON CORP

Citation (examination)
EP 1010802 A2 20000621 - SEIKO EPSON CORP [JP]

Cited by
EP1835069A1; EP3124562A3; US7431761B2; US10385223B2; US8403474B2

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

DOCDB simple family (publication)
EP 1035248 A2 20000913; EP 1035248 A3 20060301

DOCDB simple family (application)
EP 00105080 A 20000310