

Title (en)
HEAT-TRANSFER IMAGE RECORDING MEDIUM

Publication
EP 0410724 A3 19910821 (EN)

Application
EP 90308150 A 19900725

Priority
JP 19484689 A 19890726

Abstract (en)
[origin: EP0410724A2] A heat-transfer recording medium is disclosed, which produces no lowering in transfer-density even when the medium is used under such higher-temperature conditions as in a facsimile equipment and is capable of providing an easily readable transferred image having a low surface gloss, as well as having an excellent keep-secrecy and producing few voids. The recording medium comprises a support; a heat-transfer layer, provided on the support, comprising a thermo-fusible substance and a colorant; and a non-transfer layer which is interposed between the support and the transfer layer and comprises a colorant, a thermoplastic polymer selected from the following Group A and a thermoplastic polymer selected from the following Group B: Group A an alpha -olefin polymer, an alpha -olefin-maleic anhydride copolymer, an alpha -olefin-alkyl (metha)acrylate copolymer, an alpha -olefin-vinyl acetate copolymer, an alpha -olefin-(metha)acrylic acid copolymer, a vinyl acetate polymer, an alkyl (metha)acrylate polymer, a (metha)acrylic acid polymer and a styrene-containing polymer; Group B A polyester resin, a polyurethane resin, a polyvinyl chloride resin and an epoxy resin.

IPC 1-7
B41M 5/40

IPC 8 full level
B41M 5/382 (2006.01); **B41M 5/42** (2006.01); **B41M 5/44** (2006.01); **B41M 5/40** (2006.01)

CPC (source: EP)
B41M 5/44 (2013.01); **B41M 5/423** (2013.01); **B41M 5/426** (2013.01); **B41M 2205/02** (2013.01); **B41M 2205/06** (2013.01)

Citation (search report)
• [Y] DE 3843723 A1 19890706 - KONISHIROKU PHOTO IND [JP]
• [AP] DE 3902302 A1 19890803 - KONISHIROKU PHOTO IND [JP]
• [Y] PATENT ABSTRACTS OF JAPAN vol. 9, no. 261 (M-422)(1984) 18 October 1985, & JP-A-60 107392 (FUJITSU K.K.) 12 June 1985,
• [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 111 (M-578)(2558) 08 April 1987, & JP-A-61 254394 (KONISHIROKU PHOTO IND CO LTD) 12 November 1986,

Cited by
EP0826512A1; EP0540991A1; US5378675A; US5977263A; AU712878B2; US6156442A; WO9804419A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0410724 A2 19910130; EP 0410724 A3 19910821; JP 2776903 B2 19980716; JP H0357696 A 19910313

DOCDB simple family (application)
EP 90308150 A 19900725; JP 19484689 A 19890726