

Title (en)

A thermal sensitive recording sheet

Title (de)

Wärmeempfindliches Aufzeichnungsblatt

Title (fr)

Feuille d'enregistrement sensible à la chaleur

Publication

EP 0788889 A2 19970813 (EN)

Application

EP 97300278 A 19970117

Priority

JP 2031296 A 19960206

Abstract (en)

A thermally sensitive recording sheet which comprises on a substrate, a thermally sensitive colour developing layer comprising: (a) a colourless or pale coloured basic leuco dye; (b) an organic colour developer of formula (I): <CHEM> wherein A is hydrogen, C1-C4 alkyl, C1-C4 alkoxy, hydroxy or nitro, each of R1, R2 and R3, which may be the same or different, is hydrogen, C1-C4 alkyl, C1-C4 alkoxy, hydroxy or nitro, or R1 and R2 form, together with the carbon atoms to which they are attached, an aromatic ring, and Y is sulfur or oxygen; or an organic colour developer of formula (II): <CHEM> wherein B is hydrogen, C1-C4 alkyl, C1-C4 alkoxy, hydroxy or nitro, each of R1, R2 and R3, which may be the same or different, is hydrogen, C1-C4 alkyl, C1-C4 alkoxy, hydroxy or nitro, or R1 and R2 form, together with the carbon atoms to which they are attached, an aromatic ring, and Y is sulfur or oxygen; and (c) 0.01-2 parts, based on 1 part of colour developer of formula (I) or (II), of a stabiliser which is a diphenylsulfone derivative of formula (III): <CHEM> v

IPC 1-7

B41M 5/30

IPC 8 full level

B41M 5/333 (2006.01); **B41M 5/337** (2006.01)

CPC (source: EP)

B41M 5/3333 (2013.01); **B41M 5/3375** (2013.01)

Cited by

US8871994B2

Designated contracting state (EPC)

BE DE FR GB IT SE

DOCDB simple family (publication)

EP 0788889 A2 19970813; **EP 0788889 A3 19980408**; **EP 0788889 B1 20010808**; DE 69705973 D1 20010913; DE 69705973 T2 20011122; JP 3160885 B2 20010425; JP H09207450 A 19970812

DOCDB simple family (application)

EP 97300278 A 19970117; DE 69705973 T 19970117; JP 2031296 A 19960206