

Title (en)
A thermal sensitive recording sheet

Title (de)
Wärmeempfindliches Aufzeichnungsblatt

Title (fr)
Feuille d'enregistrement sensible à la chaleur

Publication
EP 0788889 A3 19980408 (EN)

Application
EP 97300278 A 19970117

Priority
JP 2031296 A 19960206

Abstract (en)
[origin: EP0788889A2] 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)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 013 (M - 1539) 11 January 1994 (1994-01-11)
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 487 (M - 1323) 9 October 1992 (1992-10-09)

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