

Title (en)

Photographic coupler dispersions.

Title (de)

Photographische Kupplerdispersionen.

Title (fr)

Dispersions de coupleur photographique.

Publication

EP 0182658 A2 19860528 (EN)

Application

EP 85308436 A 19851120

Priority

GB 8429677 A 19841123

Abstract (en)

The dark stability of a photographic dye image formed by reaction between a coupler, dispersed in admixture with an involatile solvent, and oxidized p-phenylenediamine colour developing agent is impaired by the presence of a compound comprising a phenolic (or naphtholic moiety in which the acidity of the phenolic hydroxyl group is enhanced by at least one electron-withdrawing substituent in ortho and/or para positions relative to that group. Such a compound may be the coupler itself of the involatile solvent used for its incorporation. This loss in stability can be reduced by introducing into the dispersion a lipophilic anionic surfactant which comprises a sulphate or sulphonate group as the sole hydrophilic group and either a single aliphatic hydrocarbon group having at least 15 carbon atoms or two or more aliphatic hydrocarbon groups which together contain at least 17 carbon atoms. A conventional, i.e. less lipophilic, anionic surfactant may also be used in preparing the coupler dispersion.

IPC 1-7

G03C 7/32

IPC 8 full level

G03C 7/34 (2006.01); **G03C 7/388** (2006.01)

CPC (source: EP)

G03C 7/3885 (2013.01)

Cited by

US5015564A; US5380628A; US5089380A; US4933270A; WO9303420A1; US7122298B2; US6994953B2

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