

Title (en)

Thiosulfonate esters as antifoggants, shelf-life stabilizers, and post-processing stabilizers for photothermographic elements.

Title (de)

Thiosulfonatester als Antischleiermittel, Haltbarkeitsstabilisatoren und Nachbehandlungsstabilisatoren für photothermographische Elemente.

Title (fr)

Esters de thiosulfonates comme antivoiles, stabilisants de la durée de conservation et stabilisants des traitements ultérieurs pour éléments photothermographiques.

Publication

EP 0654703 A1 19950524 (EN)

Application

EP 94402613 A 19941117

Priority

US 15508193 A 19931119

Abstract (en)

Thiosulfonate esters have been found to improve resistance to fog, shelf-life stability, and post-processing stability of photothermographic imaging elements. These elements comprise: (a) a photosensitive silver halide; (b) a non-photosensitive, reducible silver source; (c) a reducing agent for the non-photosensitive, reducible silver source; (d) a binder; and (e) a thiosulfonate ester of the formula: R<1>-SO₂-SR<2> wherein: R<1> and R<2> independently represent an alkyl group, an aryl group, an aralkyl group, an alkaryl group, or an alkenyl group.

IPC 1-7

G03C 1/498; **G03C 1/34**; **G03C 1/37**

IPC 8 full level

G03C 1/34 (2006.01); **G03C 1/498** (2006.01)

CPC (source: EP)

G03C 1/346 (2013.01); **G03C 1/49845** (2013.01); **G03C 5/164** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0654703 A1 19950524; JP H07209797 A 19950811

DOCDB simple family (application)

EP 94402613 A 19941117; JP 27883994 A 19941114