

Title (en)

Sulfo-substituted carboxylates as buffers for photographic bleaches and bleach-fixes.

Title (de)

Sulfo-substituierte Carboxylate als Puffer für photographische Bleich- und Bleichfixiermittel.

Title (fr)

Carboxylates sulfo-substitués comme tampons pour compositions photographiques de blanchiment et blanchiment-fixage.

Publication

EP 0679941 A2 19951102 (EN)

Application

EP 95105819 A 19950419

Priority

US 23026194 A 19940420

Abstract (en)

A composition for bleaching or bleach-fixing a silver halide photographic material comprising a bleaching agent and a sulfo-substituted carboxylate represented by Formula I (MO₃S)_n - R -(COOM)_m (I> wherein R is a benzene ring or a straight, branched or cyclic saturated aliphatic group having 2 to 8 carbon atoms; M is hydrogen or an organic or inorganic cation; m is 1 to 7; and n is 1 to 7; with the proviso that if R is an aliphatic group, m and n combined cannot equal more than the number of carbon atoms in R plus two, and if R is a benzene ring, m and n combined cannot equal more than six.

IPC 1-7

G03C 5/44

IPC 8 full level

G03C 5/44 (2006.01); **G03C 7/30** (2006.01); **G03C 7/42** (2006.01)

CPC (source: EP)

G03C 5/44 (2013.01); **G03C 7/3046** (2013.01); **G03C 7/421** (2013.01); **G03C 2200/15** (2013.01); **G03C 2200/44** (2013.01)

Cited by

WO0039637A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0679941 A2 19951102; **EP 0679941 A3 19970409**; **EP 0679941 B1 20040324**; DE 69532734 D1 20040429; DE 69532734 T2 20040805; JP 3455323 B2 20031014; JP H07295174 A 19951110

DOCDB simple family (application)

EP 95105819 A 19950419; DE 69532734 T 19950419; JP 9370195 A 19950419