

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 A3 19970409 (EN)**

Application

**EP 95105819 A 19950419**

Priority

US 23026194 A 19940420

Abstract (en)

[origin: EP0679941A2] 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 (MO<sub>3</sub>S)<sub>n</sub> - R -(COOM)<sub>m</sub> (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)

Citation (search report)

- [X] WO 9311459 A1 19930610 - KODAK LTD [GB], et al
- [DX] US 4328306 A 19820504 - IDOTA YOSHIO, et al
- [A] US 5009985 A 19910423 - KUNITZ FRIEDRICH-WILHELM [DE], et al
- [DA] US 5061608 A 19911029 - FOSTER DAVID G [US], et al

Cited by

WO0039637A1

Designated contracting state (EPC)

DE FR GB

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**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

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