



⑫

EUROPEAN PATENT APPLICATION

㉑ Application number: 94119874.9

㉑ Int. Cl. 6: G03C 1/85

㉒ Date of filing: 15.12.94

㉓ Priority: 21.12.93 JP 322481/93

Shinjuku-ku

Tokyo 160 (JP)

㉔ Date of publication of application:  
28.06.95 Bulletin 95/26

㉕ Inventor: Taguchi, Masaaki  
c/o KONICA CORPORATION,  
1 Sakura-machi Hino-shi  
Tokyo (JP)

㉖ Designated Contracting States:  
DE FR GB IT

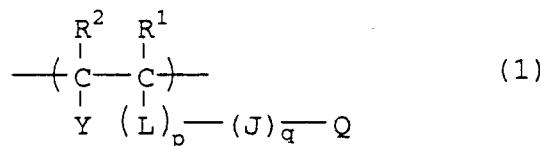
㉗ Representative: Henkel, Feiler, Hänelz &  
Partner  
Möhlstrasse 37  
D-81675 München (DE)

㉘ Date of deferred publication of the search report:  
02.08.95 Bulletin 95/31

㉙ Applicant: KONICA CORPORATION  
26-2, Nishishinjuku 1-chome,

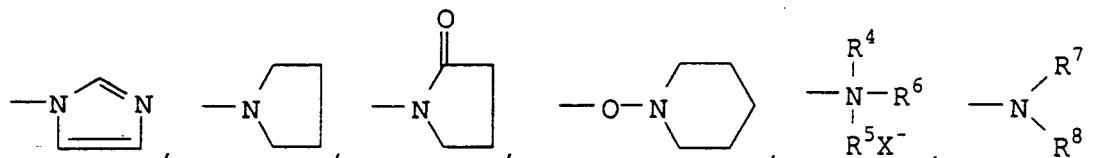
㉚ Silver halide photographic light-sensitive material.

㉛ A silver halide photographic light-sensitive material is disclosed. The light-sensitive material comprises a support having thereon a silver halide emulsion layer and optionally a hydrophilic colloid layer, at least one of said emulsion layer and said hydrophilic colloid layer contains a water-soluble polymer which comprises repeating unit represented by formula 1 in an amount of 10 to 100 mol %, and a electric conductive layer being provided between the support and the silver halide emulsion layer and comprising a binder and fine particles of an electric conductive crystalline metal oxide of ZnO, TiO<sub>2</sub>, SnO<sub>2</sub>, Al<sub>2</sub>O<sub>3</sub>, In<sub>2</sub>O<sub>3</sub>, SiO<sub>2</sub>, MgO, BaO, MoO<sub>3</sub>, V<sub>2</sub>O<sub>5</sub> or a mixture thereof, each of which has a volumetric resistivity of not higher than 10<sup>7</sup> Ωcm;

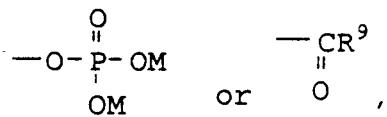


EP 0 660 174 A3

wherein R<sup>1</sup> and R<sup>2</sup> are each independently a hydrogen atom, an alkyl group, a halogen atom or a -CH<sub>2</sub>COOM<sup>1</sup>, in which M<sup>1</sup> is a hydrogen atom or an alkyl group having 1 to 8 carbon atoms; L is -CONH-, -NHCO-, -COO-, -OCO-, -SO<sub>2</sub>-, -HSO<sub>2</sub>-, -SO<sub>2</sub>NH- OR -O-; J is an alkylene group, an arylene group or an aralkylene group; Q is a hydrogen atom, -R<sup>3</sup>,



—OH, —NH<sub>2</sub>, —SO<sub>3</sub>M,



in which M<sup>2</sup> is a hydrogen atom or a cation; R<sup>9</sup> is an alkyl group having 1 to 4 carbon atoms; R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are each independently a hydrogen atom, an alkyl group having 1 to 20 carbon atoms, an alkenyl group, a phenyl group, an aralkyl group; X is an anion; M is a hydrogen atom or a cation; p and q are each 0 or 1; and Y is a hydrogen atom or a -(L)<sub>p</sub>-(J)<sub>q</sub>-Q group. The light-sensitive material has a good antistatic property without fogging due to a ultra rapid processing.



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 94 11 9874

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	EP-A-0 514 903 (FUJI) * page 3, line 18 - line 33 * * page 5, line 1 - line 5 * * page 6, line 34 - line 58 * * page 9, line 12 - line 14 * -----	1-9	G03C1/85
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			G03C
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
THE HAGUE	7 June 1995		Magrizos, S
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
Y : particularly relevant if combined with another document of the same category		E : earlier patent document, but published on, or after the filing date	
A : technological background		D : document cited in the application	
O : non-written disclosure		L : document cited for other reasons	
P : intermediate document		& : member of the same patent family, corresponding document	