

Title (en)

Silver halide photographic elements containing aryl hydrazines

Title (de)

Arylhydrazine enthaltende photographische Silberhalogenidelemente

Title (fr)

Éléments photographiques à l'halogénure d'argent comprenant des arylhydrazines

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EP 0763771 A1 19970319 (EN)

Application

EP 95114618 A 19950918

Priority

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Abstract (en)

The present invention relates to a silver halide photographic element comprising a support bearing at least one silver halide emulsion layer including negative acting surface latent image-type silver halide grains in reactive association (prior to image-wise exposure) with a hydrazine compound represented by the following formula (I) : <CHEM> wherein Ar is an aryl group, G is CO, SO, SO₂, PO₂, PO₃ or C=NR₂; R, R₁, R₂, which can be the same or different, are hydrogen, alkyl of 1 to 6 carbon atoms, an alkyl sulfinyl of 1 to 6 carbon atoms or a trifluoroacetyl group; n is an integer from 1 to 3; Z₁ and Z₂, being the same or different, are electron-withdrawing groups. This silver halide photographic element can be developed with a conventional aqueous alkaline Rapid Access type developer solution, at a pH value lower than 11.0, containing a developing agent and an auxiliary developing agent, to give high contrasts.

IPC 1-7

G03C 1/06

IPC 8 full level

G03C 1/06 (2006.01)

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G03C 1/061 (2013.01)

Citation (search report)

- [A] EP 0444506 A1 19910904 - DU PONT DEUTSCHLAND [DE] & US 5190847 A 19930302 - CHAN DOMINIC M [US], et al
- [A] EP 0622670 A1 19941102 - MINNESOTA MINING & MFG [US]

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