

Title (en)

Method of processing forehardened silver halide photographic industrial X-ray films.

Title (de)

Verfahren zur Verarbeitung von vorgehärteten photographischen industriellen Silberhalogenid-Röntgenfilmen.

Title (fr)

Méthode de traitements de films radiographiques à l'halogénure d'argent pré-durcis.

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Application

EP 93201073 A 19930413

Priority

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Abstract (en)

In accordance with this invention a method is provided of image forming by the steps of exposing a silver halide industrial X-ray photographic material and processing said material in an automatic processing machine in hardener-free developing and hardener-free fixing solutions followed by rinsing and drying with infrared drying means in the film-drying station and wherein said material comprises a support and on at least one side thereof at least one gelatino silver halide emulsion layer and at least one non-sensitive protective antistress coating which optionally comprises at least one polyoxyalkylene compound, the total amount of silver halide per square meter and per side corresponding to 6 to 20 g of silver nitrate, and that said material has been hardened with at least one vinyl sulphone compound thereby reducing the amount of water absorption of the processed film just before drying to less than 2.5 g of water per gram of coated gelatin. Moreover improved physical surface characteristics can be obtained if in addition a polyoxyalkylene compound is added to at least one of the hydrophilic layers of the photographic material and/or if during the processing of the said material in an automatic processing machine the hardener-free developer comprises as a surfactant at least one anionic alkylphenoxy and/or alkoxy polyalkyleneoxy phosphate ester, sulphate ester, alkyl carboxylic, sulphonc or phosphonic acid and/or a salt thereof.

IPC 1-7

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IPC 8 full level

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Citation (search report)

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