

Title (en)

X-ray silver halide photographic material with suitable image tone and surface glare

Title (de)

Photographisches Silberhalogenidröntgenmaterial mit passenden Bildton und Oberflächenglanz

Title (fr)

Matériau photographique à l'halogénure d'argent sensible aux rayons X avec tonalité et brillance appropriés

Publication

EP 0555897 B1 19980513 (EN)

Application

EP 93200139 A 19930120

Priority

EP 92200420 A 19920214

Abstract (en)

[origin: EP0555897A1] The preparation of X-ray materials, especially suitable for non-destructive testing applications, is described. The emulsion layers of said material are comprising a mixture of chemically ripened cubic silver bromiodide emulsion grains having a diameter of less than 0.30 μm and chemically ripened cubic silver chloride and/or silver chlorobromide and/or silver chlorobromiodide emulsion grains having a diameter less than or at most 30% larger in size than said silver bromiodide grains and being present in an amount of less than 20% by weight referred to the total amount of the coated silver halide crystals. Applying this emulsion mixture into strongly hardened thin coated layers offers the advantage to get a suitable cold blue image tone with a suitable surface glare after development of the exposed material, especially if at least one non-migratory blue colouring agent is added to at least one of the hydrophilic colloid layers coated onto the blue coloured support.

IPC 1-7

G03C 1/035; **G03C 5/16**; **G03C 1/83**; **G03C 1/30**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1217433A3; EP0622668A1; EP0793139A1; US5851751A; US6582874B1; EP0698817A1

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