

Title (en)  
Variable contrast X-ray material.

Title (de)  
Röntgenmaterial mit variablem Kontrast.

Title (fr)  
Matériau radiographique à contraste variable.

Publication  
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Application  
**EP 92112724 A 19920724**

Priority  
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Abstract (en)  
Disclosed is a silver halide photographic light-sensitive material comprising a support and an first emulsion layer (the HS layer) having a first maximum density on one side of a support and an second emulsion layer (the LS layer) on the other side of a support having a said second maximum density which second maximum density is lower than first maximum density, wherein the HS layer has a maximum density of 1.80 or more, when exposure is performed on the HS layer such that the density of the HS layer after processing is a fogging density + 1.10, the density of the LS layer is a fogging density + 0.20 or low, and when exposure is performed on the HS layer, the gradient of a straight line connecting a fogging density + 0.5 and a fogging density + 1.3 in the characteristics curve for the HS layer is within the range of 1.50 to 2.90; and when exposure is performed from the LS layer, the gradient of a straight line connecting a fogging density + 0.3 and a fogging density + 0.6 in the characteristic curve for the LS layer is not less than 1.10, and the sensitivity of the HS layer (SH) is lower than that of the LS layer (SL) wherein each of SH and SL is the reciprocal of an amount of exposure needed to obtain a density represented by the following formula:  $[(\text{Maximum density} - \text{fogging density}) \times 0.4] + \text{fogging density}$ . A silver halide photographic light-sensitive material according to this invention is capable of providing a highly-sensitive silver halide photographic material for X-ray photography.

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