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54 Variable contrast X-ray material.

57) Disclosed is a silver halide photographic lightsensitive 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 (S_H) is lower than that of the LS layer (S_L) wherein each of S_H and S_I is the reciprocal of an amount of exposure needed to obtain a density represented by the following

formula:

[(Maximum density - fogging density) \times 0.4]+ 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.



EUROPEAN SEARCH REPORT

EP 92 11 2724

ategory	Citation of document with indica		Relevant	CLASSIFICATION OF THE	
	of relevant passage		to claim	APPLICATION (Int. Cl.5)	
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				TECHNICAL FIELDS SEARCHED (Int. Cl.5)	
				G03C	
	The present search report has been o	trawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 APRIL 1993		Exceptioner MAGRIZOS S.	
X : part Y : part doc	CATEGORY OF CITED DOCUMENTS ticularly relevant if taken alone ticularly relevant if combined with another ument of the same category	E : earlier paten after the fili D : document ci L : document ci	ted in the application ted for other reasons	lished on, or n	
A : technological background O : non-written disclosure P : intermediate document		&: member of t	& : member of the same patent family, corresponding document		