

United States Patent [19]

Grossa

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[54] **PROCESS FOR FORMING POSITIVE
TONABLE IMAGES USING A
PHOTOSENSITIVE MATERIAL
CONTAINING AT LEAST
1,4-DIHYDROPYRIDINE**

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[30] **Foreign Application Priority Data**

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[51] Int. Cl.⁴ **G03C 5/00**

[52] U.S. Cl. **430/291; 430/270;
430/326; 430/328**

[58] Field of Search **430/328, 291, 270, 326**

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,888,672	6/1975	Lee	430/292
4,243,741	1/1981	Abele et al.	430/270
4,346,162	8/1982	Abele et al.	430/270
4,604,340	8/1986	Grossa	430/270

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[57] **ABSTRACT**

A process for the production of patterns that consist of powders and that are positive with respect to the original is described, according to which a light-sensitive layer containing at least one 1,4-dihydropyridine compound is exposed imagewise, treated with a strong acid, post-exposed diffusely to produce tacky areas, and is subsequently toned.

12 Claims, No Drawings