

Title (en)

Imaging with high aspect ratio tabular grain emulsions and nonplanar support elements.

Title (de)

Bildaufzeichnung auf Emulsionen mit tafelförmigen Körnern die viel breiter als höher sind und nicht flachen Trägern.

Title (fr)

Formation d'images avec des émulsions ayant des grains tabulaires beaucoup plus larges que hautes et supports non plats.

Publication

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Application

EP 83303664 A 19830624

Priority

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Abstract (en)

A photosensitive element comprising a support and radiation-sensitive imaging means capable of undergoing as a function of at least one of photographic exposure and processing a change in the optical density or mobility of the imaging means is disclosed. The support provides a nonplanar surface pattern forming an array, and the imaging means includes a high aspect ratio tabular grain silver halide emulsion comprised of a dispersing medium and silver halide grains, wherein tabular silver halide grains having a thickness of less than 0.5 micron and a diameter of at least 0.6 micron have an average aspect ratio of greater than 8:1 and account for at least 50 percent of the total projected area of the silver halide grains.

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