

Title (en)
Photographic image-forming process

Title (de)
Photographische Bildherstellungsverfahren

Title (fr)
Procédé de formation d'image photographique

Publication
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Application
EP 97200273 A 19970131

Priority
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Abstract (en)
A process for the development of an imagewise exposed photographic material having at least one silver halide layer which comprises forming an image therein in a solution which contains a developing agent, which solution is replenished wherein: the process is carried out in an apparatus comprising at least one processing tank in which the ratio of the tank volume to maximum area of material which can be accommodated in the tank (i.e. maximum path length times width of material) is less than $25 \text{ dm}^3/\text{m}^2$, substantially all the replenishers are added as solids direct to said developer solution together with additional water which may contain a minor amount of replenisher chemicals, and wherein the average residence time of the processing solution in the developing tank defined by the formula: $\frac{V}{R \cdot T \cdot U}$ where V is the volume of the processing tank (litres), R is the replenishment rate (litres/ m^2), T is the transport speed (m^2/min) and U is the percent utilisation as the percentage of a working day (8 hours) that the processor is running, is less than the useful lifetime of the solution, said useful lifetime being the time at 35 DEG C for which the Dmax values for red, green and blue (or the silver image Dmax of a black-and-white material) remain at or above 80% of the value(s) produced by a freshly prepared solution. <IMAGE>

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Citation (applicant)

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Citation (search report)

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