

Title (en)
DEVELOPMENT ENHANCEMENT OF RADIATION-SENSITIVE ELEMENTS

Title (de)
VERBESSERUNG DER ENTWICKLUNG VON STRAHLUNGSEMPFINDLICHEN ELEMENTEN

Title (fr)
AMELIORATION DU DEVELOPPEMENT D'ELEMENTS SENSIBLES AU RAYONNEMENT

Publication
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Application
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Abstract (en)
[origin: WO2004081662A2] A positive-working radiation-sensitive composition for use with a radiation source comprises one or more polivinyl acetal polymers capable of being dissolved in an alkaline aqueous solution and a development-enhancing compound. The sensitivity of a radiation-sensitive coating based on the composition of this invention is increased without compromising the handling characteristics. Radiation-sensitive elements based on the composition of the invention have good development latitude. A positive-working lithographic printing precursor is based on the radiation-sensitive composition coated on a hydrophilic surface. The precursor is developable using an alkaline aqueous solution, and may be used with a radiation source in lithographic applications, such as conventional imaging systems, computer-to-plate systems or other direct imaging applications. The precursor is stable in its state before exposure and has an excellent handling property.

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IPC 8 full level
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Citation (search report)
See references of WO 2004081662A2

Citation (examination)

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- EP 0429955 A2 19910605 - HOECHST AG [DE]
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WO2011051112A1

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