

Title (en)

ETCHING MEDIA FOR OXIDIC, TRANSPARENT, CONDUCTIVE LAYERS

Title (de)

ÄTZMEDIEN FÜR OXIDISCHE, TRANSPARENTE, LEITFÄHIGE SCHICHTEN

Title (fr)

AGENTS DE GRAVURE POUR DES COUCHES CONDUCTRICES, OXYDIQUES ET TRANSPARENTES

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Application

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Abstract (en)

[origin: WO2007012378A1] The present invention relates to a novel etching medium for patterning transparent, conductive layers such as are used for example in the production of liquid crystal displays (LCD) using flat screens or organic light-emitting displays (OLED) or in the case of thin-film solar cells. Specifically, particle-free compositions are involved which can be used to etch selectively fine structures into oxidic, transparent and conductive layers without damaging or attacking adjoining areas. The novel liquid etching medium can be applied to the oxidic, transparent, conductive layers to be patterned in an advantageous manner by means of printing methods. A subsequent thermal treatment accelerates or starts the etching process.

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