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**(54) Title (EN):** LIQUID CRYSTAL PANEL WITH TOUCH SENSING FUNCTION, LIQUID CRYSTAL DISPLAY DEVICE, AND POLARIZING FILM WITH ADHESIVE LAYER

**(54) Title (FR):** PANNEAU À CRISTAUX LIQUIDES À FONCTION DE DÉTECTION TACTILE, DISPOSITIF D’AFFICHAGE À CRISTAUX LIQUIDES ET FILM POLARISANT À COUCHE ADHÉSIVE

**(54) Title (JA):** タッチセンシング機能付液晶パネル、液晶表示装置および粘着剤層付き偏光フィルム

**(57) Abstract:**

**(EN):** This liquid crystal panel with a touch sensing function comprises a first polarizing film which is arranged on the viewing side of a liquid crystal cell with a built-in touch sensing function, a second polarizing film arranged on the side opposite of the viewing side, and a first adhesive layer arranged between the first polarizing film and the liquid crystal cell. The first polarizing film has a transparent protective film on only one surface of a polarizing element, and the other surface is provided on the first adhesive layer, with a transparent layer therebetween. The first adhesive layer is formed from an adhesive composition that contains (A) a (meth)acrylic polymer and (B) an ionic compound, has a low change in surface resistance value even in a humidified environment, and satisfies a stable antistatic function in a humidified environment.

**(FR):** Panneau à cristaux liquides à fonction de détection tactile comprenant un premier film polarisant disposé sur le côté de visualisation d’une cellule à cristaux liquides ayant une fonction de détection d’effleurement programmée, un second film polarisant disposé sur le côté opposé au côté de visualisation et une première couche adhésive disposée entre le premier film polarisant et la cellule à cristaux liquides. Le premier film polarisant a un film protecteur transparent sur une seule surface d’un élément polarisant et l’autre surface est disposée sur la première couche adhésive, une couche transparente se situe entre elles. La première

couche adhésive est formée à partir d'une composition adhésive qui contient (A) un polymère (méth)acrylique et (B) un composé ionique, a un faible changement de valeur de résistance de surface même dans un environnement humidifié et satisfait une fonction antistatique stable dans un environnement humidifié.

(JA): タッチセンシング機能内蔵液晶セルの視認側に配置された第1偏光フィルムと視認側の反対側に配置された第2偏光フィルム、および、前記第1偏光フィルムと前記液晶セルとの間に配置された第1粘着剤層を有するタッチセンシング機能内蔵液晶パネルにおいて、前記第1偏光フィルムは、偏光子の片面にのみ透明保護フィルムを有し、他の片面に透明層を介して前記第1粘着剤層に設けられており、前記第1粘着剤層が、(メタ)アクリル系ポリマー(A)、およびイオン性化合物(B)を含有する粘着剤組成物より形成されており、かつ、加湿環境下においても表面抵抗値の変化が小さく、加湿環境下において、安定した帯電防止機能を満足することができる。

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