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(54) Title (EN): RESIN COMPOSITION, FILM, OPTICAL FILTER, SOLID IMAGING ELEMENT, IMAGE DISPLAY DEVICE, AND INFRARED SENSOR

(54) Title (FR): COMPOSITION DE RÉSINE, FILM, FILTRE OPTIQUE, ÉLÉMENT D'IMAGERIE À SEMI-CONDUCTEUR, DISPOSITIF D'AFFICHAGE D'IMAGE ET CAPTEUR INFRAROUGE

(54) Title (JA): 樹脂組成物、膜、光学フィルタ、固体撮像素子、画像表示装置および赤外線センサ

(57) Abstract:

(EN): Provided is a resin composition having excellent storage stability and capable of forming a film with excellent thermal reliability. Also provided are a film, an optical filter, a solid imaging element, an image display device, and an infrared sensor. This resin composition contains a near-infrared absorbing dye, an antioxidant, and a resin. The near-infrared absorbing dye content is 5% by mass or more of the total solid content of the resin composition, and the antioxidant contains a hindered amine compound.

(FR): L'invention concerne une composition de résine présentant une excellente stabilité au stockage et apte à former un film présentant une excellente fiabilité thermique. L'invention concerne également un film, un filtre optique, un élément d'imagerie à semi-conducteur, un dispositif d'affichage d'image et un capteur infrarouge. Cette composition de résine contient un colorant absorbant le proche infrarouge, un antioxydant et une résine. La teneur en colorant absorbant le proche infrarouge est de 5 % en masse ou plus de la teneur totale en solides de la composition de résine et l'antioxydant contient un composé de type amine encombrée.

(JA): 保存安定性に優れ、かつ、熱信頼性に優れた膜を形成できる樹脂組成物を提供する。また、膜、光学フィルタ、固体撮像素子、画像表示装置および赤外線センサを提供する。樹脂組成物は、近赤外線吸収色素と、酸化防止剤と、樹脂とを含み、近赤外線吸収色素の含有量が樹脂組成物の全固形分に対して5質量%以上であり、酸化防止剤がヒンダードアミン化合物を含む。

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