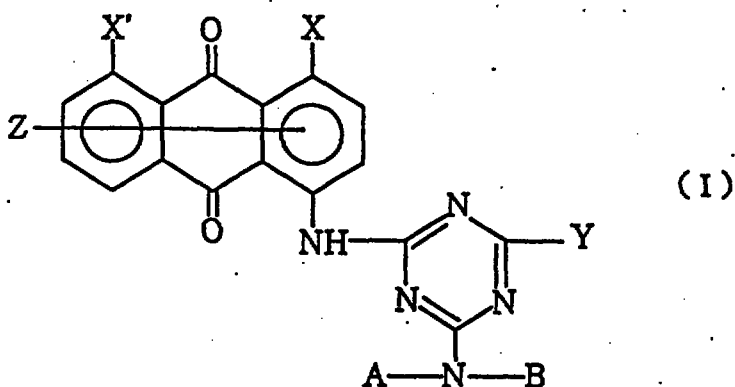


PIGMENT DISPERSIONS FOR COLOR FILTERS, FABRICATION

PROCESS OF COLOR FILTERS, AND COLOR FILTERS

ABSTRACT

Pigment dispersions for color filters are composed of pigments, dispersants, film-forming resins and liquid media. The dispersants comprises compounds represented by the following formula (I):



wherein X and X' each independently represent H, OH, alkoxy, primary, secondary or tertiary amino, or acylamino; Y represents an anthraquinonylamino, phenyl-amino or phenoxy group having H, OH, alkoxy, primary, secondary or tertiary amino, or acylamino at the 4-
10 position or 5-position; A and B each independently represent alkyl, cycloalkyl or aryl, and at least one of A and B has at least one substituent group containing a basic nitrogen atom; and Z represents H, CN,
15 halogen, alkyl, alkoxy, NO₂, benzoylamino or 3-benzoyl, and the 3-benzoyl group may be fused together with X to form an acridone ring. These pigment dispersions are useful for the production of color filters.