

TOUCH DISPLAY PANEL

ABSTRACT OF THE DISCLOSURE

A touch display panel includes an array substrate, a display medium layer, a filter substrate and a touch electrode layer. The array substrate includes a substrate and sub-pixel units. The filter substrate includes a filter layer. The filter layer includes color resists. Each of the color resists corresponds to each of the sub-pixels one by one and includes a first region, a second region and a third region. The touch electrode layer has a plurality of slits. The slits have normal projection areas A1, A2 and A3 over the first region, the second region and the third region. The first region, the second region and the third region have areas F1, F2, F3, respectively, and satisfy one of the relations of $|(A1/F1) - [(A2+A3) / (F2+F3)]| < 10\%$, $|(A2/F2) - [(A1+A3) / (F1+F3)]| < 10\%$ or $|(A3/F3) - [(A1+A2) / (F1+F2)]| < 10\%$.

Fig. 1A