

DISPLAY SYSTEM AND OPTICAL SHIFTING FILM THEREOF

ABSTRACT

A display system and an optical shifting film are provided. The display system includes a projection surface, a display module and a virtual eye area. The display module is disposed corresponding to the projection surface and generates an image light reflected from the projection surface to generate an image in the virtual eye area. A backlight module of the display module includes a light source module and the optical shifting film disposed corresponding to the light emitting side of the light source module. The optical shifting film includes a substrate and a plurality of first prisms, wherein the first prisms are arranged in a first direction and respectively extend along a second direction. The emitted light field generated by at least a portion of the light emitting units closer to the first side of the optical shifting film is shifted in the first direction by the first prisms.

Fig. 1A