The ornamental design for a display screen with animated graphical user interface, as shown and described.

DESCRIPTION

FIG. 1 is the first image in a sequence for a display screen with animated graphical user interface showing our new design; FIG. 2 is the second image thereof; FIG. 3 is the third image thereof; FIG. 4 is the fourth image thereof; FIG. 5 is the fifth image thereof; FIG. 6 is the sixth image thereof; FIG. 7 is the seventh image thereof; FIG. 8 is the eighth image thereof; FIG. 9 is the ninth image thereof; FIG. 10 is the first image in a sequence for the display screen with animated graphical user interface shown on a device; FIG. 11 is the second image thereof; FIG. 12 is the third image thereof; FIG. 13 is the fourth image thereof; FIG. 14 is the fifth image thereof; FIG. 15 is the sixth image thereof; FIG. 16 is the seventh image thereof; FIG. 17 is the eighth image thereof; and, FIG. 18 is the ninth image thereof.

The appearance of the animated graphical user interface sequentially transitions between the images shown in FIGS. 1-9 and FIGS. 10-18. The process or period in which one image transitions to another forms no part of the claimed design. FIGS. 10-18 are included for purposes of foreign priority and may be canceled prior to issuance. The broken-line showing of the remainder of the user interface and the remainder of the display screen is for environmental purposes only and forms no part of the claimed design.