A dynamic display keyboard and a key for use in a dynamic display keyboard

The invention relates to a dynamic display keyboard comprising a plurality of key elements (101), each key element (101) comprises a transmitting part (102) capable of transmitting at least a part of light incident on the transmitting part; a mat (105) comprising a plurality of elevated elements (106, 107, 109, 201, 202) capable of providing a tactile feedback and comprising an opening (113); wherein each key element (101) is fixedly connected to at least one respective elevated element (106, 107, 109, 201, 202) via at least one spacer (1201); at least one display unit (111, 911) comprising a moveable part (901) and wherein at least a part (904) of the moveable part is placed between the key element (101) and the elevated element (106, 107, 109, 201, 202); and wherein the light propagating through a transmitting part (102) defines a visual value of the corresponding key element (101). In this way, the dynamic display keyboard is able to provide a tactile feedback in response to a user action directed towards a key of the keyboard. Further, the only power requiring element in the keyboard is the display unit.

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