

INFLATABLE BED HAVING A BUILT-IN ELECTRIC AIR PUMP UNIT FOR INFLATING A MATTRESS ASSEMBLY

Abstract

An inflatable bed includes a bedstead assembly (3), a mattress assembly (1, 1' , 1" , 1A) having at least one air chamber (E, E', E''), and an electric air pump unit (2, 2') disposed on the bedstead assembly (3). The air pump unit (2, 2') includes a centrifugal pump device (21) for performing initial inflation of the air chamber (E, E', E''), a diaphragm pump device (22) for performing subsequent inflation of the air chamber (E, E', E''), and a control valve (25) operable to allow for and interrupt fluid communication between the centrifugal pump device (21) and the air chamber (E, E', E'').

FIG. 22