

CHILD SAFETY SEAT AND SIDE WING HEIGHT AND WIDTH ADJUSTMENT MECHANISM THEREFOR

ABSTRACT

A child safety seat (100) and a side wing height and width synchronous adjustment mechanism (50) therefor. The side wing height and width synchronous adjustment mechanism (50) includes a first guide rail (51) extending in the width direction of a child safety seat (100), a second guide rail (52) extending in the height direction of the child safety seat (100), a first fitting guide member (53) in sliding-fit with the first guide rail (51), and a second fitting guide member (54) in sliding-fit with the second guide rail (52), wherein the first guide rail (51) is arranged on one of a side wing (40) and an adjustor (30), and the first fitting guide member (53) is arranged on the other one of the side wing (40) and the adjustor (30); and the second guide rail (52) is arranged on one of a first backrest (20) and the side wing (40), and the second fitting guide member (54) is arranged on the other one of the first backrest (20) and the side wing (40). During the height adjustment of a headrest (30b), the height and width of the side wing (40) are synchronously adjusted in a linkage manner by means of the first fitting guide member (53) sliding on the first guide rail (51) and the second fitting guide member (54) sliding on the second guide rail (52), so as to achieve synchronous adjustment of the height and width of the side wing (40) along with the height adjustment of the headrest (30b), thereby achieving better universality and comfort.

Fig. 1