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(54) Title: CHILD SAFETY SEAT AND SIDE WING HEIGHT AND WIDTH ADJUSTMENT MECHANISM THEREFOR

(54) 发明名称: 儿童安全座椅及其侧翼高宽度调整机构

100

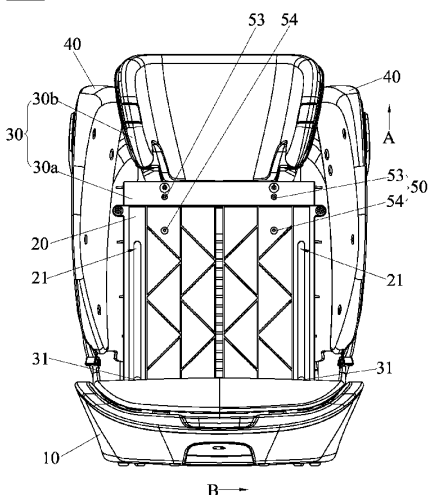


图1

(57) 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 adjuster (30), and the first fitting guide member (53) is arranged on the other one of the side wing (40) and the adjuster (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.

[见续页]

RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI,
CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

本国际公布：

— 包括国际检索报告(条约第21条(3))。

(57) 摘要：一种儿童安全座椅(100)及其侧翼高宽度同步调整机构(50)，侧翼高宽度同步调整机构(50)包含沿儿童安全座椅(100)的宽度方向延伸的第一导轨(51)、沿儿童安全座椅(100)的高度方向延伸的第二导轨(52)、与第一导轨(51)滑动配合的第一配导件(53)及与第二导轨(52)滑动配合的第二配导件(54)；第一导轨(51)设于侧翼(40)与调整体(30)中一者，第一配导件(53)设于侧翼(40)与调整体(30)中另一者，第二导轨(52)设于第一背靠(20)和侧翼(40)中一者，第二配导件(54)设于第一背靠(20)和侧翼(40)中另一者；其中，头靠(30b)在高度调整过程中同时借助第一配导件(53)于第一导轨(51)上滑移及第二配导件(54)于第二导轨(52)上滑移而连动侧翼(40)进行高度和宽度的同步调整；以使得侧翼(40)跟随头靠(30b)高度调整而实现高度和宽度的同步调整，以获得更好的通用性和舒适性。