

ABSTRACT

WOVEN SLIDE FASTENER STRINGER

A woven slide fastener stringer which includes a row of coiled coupling elements (2) woven into one longitudinal edge portion (8-1) of a woven stringer tape (8) with a stuffer cord (3) and upper and lower core threads (4, 5) extending longitudinally through a space defined in the coupling elements (2). Foundation warp threads (9) and a foundation weft thread (10) laid in double picks cooperate with the upper core thread (4) to weave upper legs (11) in the longitudinal tape edge portion (8-1). Binding warp threads (14) underlying lower legs (12) and interlaced at appropriate positions with the foundation weft thread (10), and the lower core thread (5) are interlaced with a binding weft thread (13) laid in double picks to weave the lower legs (12) into the longitudinal tape edge portion (8-1). The binding weft thread (13) is thinner than the foundation weft thread (10) and aligned in parallel juxtaposition with the foundation weft thread (10) in a region of the stringer tape excluding the longitudinal tape edge portion (8-1). With this arrangement, the coupling elements (2) can be firmly and stably secured to the longitudinal tape edge portion (8-1), and the stringer has a desired flexibility.

(FIGURE 4)

