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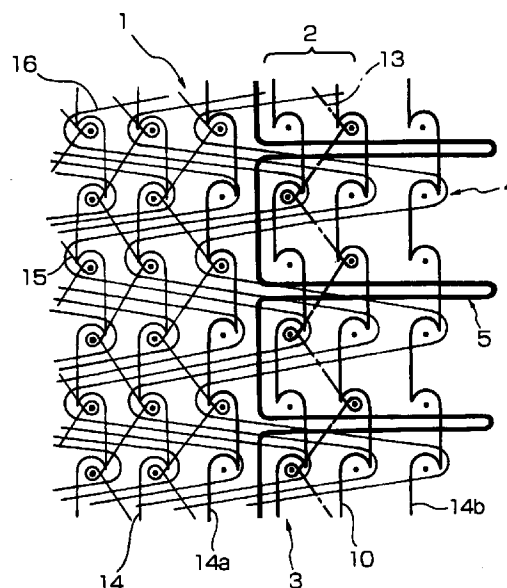
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(54) **Knit slide fastener**

(57) A knit slide fastener including a fastener tape (1) composed of a warp-knit ground structure including chain stitches, and a row of continuous coupling elements (5) knit into and along an element-supporting portion (2) of the fastener tape (1) as the fastener tape (1) is knit, wherein a plurality of threads (10) are knit into the element-supporting portion (2) as binding chain stitches, so as to form a group of successive longitudinally interlocked needle loops appearing on the front side and arranged such that in every two adjacent courses (4), the preceding needle loop (12a) overlies an upper leg (6) of one coupling element (5), and the succeeding needle loop (12b) is disposed in a space between the coupling element (5) and an adjacent coupling element (5) at a position close to the ground structure so as to bend or flex the preceding needle loop (12a) into an inverted U shape extending embracingly over the upper and lower legs (6, 7) of the coupling element (5). With this arrangement, the row of coupling elements (5) can be firmly secured to the ground structure of the fastener tape (1) with high dimensional stability, and can always retain a stable attachment posture to insure the functions required in the slide fastener.

**FIG. 3**



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# EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	DE-C-30 26 487 (OPTILON W. ERICH HEILMANN GMBH ) * column 3, line 16 - line 31; figure 2 *	1	A44B19/34
D,A	US-A-5 035 125 (FRÖHLICH ET AL) ---		
D,A	JP-A-38 011 673 (---) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			A44B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 3 December 1996	Examiner Van Gelder, P
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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