

Title (en)  
EASY-SLIDE ZIPPER AND ARTICLES USING THE SAME

Title (de)  
LEICHT GLEITENDER REISSVERSCHLUSS UND ARTIKEL DAMIT

Title (fr)  
FERMETURE À GLISSIÈRE FACILE À FAIRE GLISSER ET ARTICLES L'UTILISANT

Publication  
**EP 3501322 A1 20190626 (EN)**

Application  
**EP 18214825 A 20181220**

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- CN 201811467682 A 20181203

Abstract (en)  
Disclosed are an easy-slide zipper (100A, 100B, 100C, 100D, 100E) and articles (7a) using the same. The easy-slide zipper comprises a first tape (1a, 1d, 1e), a second tape (2a, 2d, 2e), at least one joining tape (3a, 3a1, 3a2, 3b, 3c, 3d, 3e) and at least one chain set (4a, 4b). Tapes are arranged apart in a direction perpendicular to a longitudinal direction. The first tape and the second tape are respectively arranged on edges at opposite sides of the joining tape. The chain set is arranged between two adjacent tapes and comprises male teeth (10a, 10d, 20a, 31e, 32d, 32e) and female teeth (10e, 20e, 31a, 31d, 32a) which mesh with each other. The female teeth are arranged apart on one tape, and the male teeth are arranged apart on another tape. When two tapes move relative to each other in a longitudinal direction, the male teeth slide longitudinally relative to the female teeth. The male teeth and the female teeth are arranged in different length in the longitudinal direction to form a first chain (5a) and a second chain (5b). An article using the easy-slide zipper is provided with a first fabric edge (71a) and a second fabric edge (72a). The first tape is sewn on the first fabric edge, and the second tape is sewn on the second fabric edge. The invention makes significant improvements on the stuck problem during sliding.

IPC 8 full level  
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Citation (applicant)  

- CN 201410348920 A 20140722
- CN 200410030762 A 20040402
- CN 201620244875 U 20160328
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Citation (search report)  

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