

Title (en)

Slide fastener tape

Title (de)

Reissverschlussband

Title (fr)

Ruban pour fermeture à glissière

Publication

EP 1224883 A3 20031203 (EN)

Application

EP 02000402 A 20020107

Priority

JP 2001008790 A 20010117

Abstract (en)

[origin: EP1224883A2] In a fastener tape (1) having a tape main portion (5) obtained by weaving and an element-mounting edge portion (4) in which core strings (7a, 7b) are woven, foundation warps (6e, 6f... 6m, 6n) used for the tape main portion (5) have a lower thermal contraction coefficient than the other warps (6a to 6d). The core strings (7a, 7b) have a high thermal contraction coefficient. The warps (6c, 6d) adjacent to the core strings (7a, 7b) at an inner side thereof have a thermal contraction coefficient lower than that of the core strings (7a, 7b). Therefore, it is possible to obtain a fastener stringer (8) in which no puckering occurs in an element-mounting edge portion (4) even after elements (E) are attached, so that linearity can be secured. <IMAGE>

IPC 1-7

A44B 19/34; **D03D 1/00**

IPC 8 full level

A44B 19/54 (2006.01); **A44B 19/34** (2006.01); **D03D 1/00** (2006.01)

CPC (source: EP KR US)

A44B 19/34 (2013.01 - KR); **A44B 19/346** (2013.01 - EP US); **D03D 1/00** (2013.01 - EP US); **D03D 3/005** (2013.01 - EP US); **D10B 2501/0631** (2013.01 - EP US); **Y10T 24/25** (2015.01 - EP US); **Y10T 24/252** (2015.01 - EP US); **Y10T 24/2521** (2015.01 - EP US); **Y10T 24/2523** (2015.01 - EP US)

Citation (search report)

- [A] US 4383558 A 19830517 - TSUBATA NORITAKA [JP], et al
- [AD] US 4444026 A 19840424 - MATSUDA YOSHIO [JP]
- [A] US 4319387 A 19820316 - YOSHIDA HIROSHI

Cited by

EP1442671A1; EP1481602A1; US7152438B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1224883 A2 20020724; **EP 1224883 A3 20031203**; **EP 1224883 B1 20070404**; CN 1266325 C 20060726; CN 1366103 A 20020828; DE 60219223 D1 20070516; DE 60219223 T2 20070719; ES 2281466 T3 20071001; HK 1048343 A1 20030328; HK 1048343 B 20061117; JP 2002209613 A 20020730; JP 3679009 B2 20050803; KR 100432097 B1 20040517; KR 20030032792 A 20030426; TW 564164 B 20031201; US 2002092139 A1 20020718

DOCDB simple family (application)

EP 02000402 A 20020107; CN 02102035 A 20020117; DE 60219223 T 20020107; ES 02000402 T 20020107; HK 03100150 A 20030107; JP 2001008790 A 20010117; KR 20020002026 A 20020114; TW 91100077 A 20020104; US 4628602 A 20020116