

Title (en)

A stringer with a transversely stretchable warp-knit tape for a slide fastener

Title (de)

Leiste mit in Querrichtung dehnbarem, kettengewirkten Band für einen Reißverschluss

Title (fr)

Demi-chaîne dotée d'une bande en étoffe élastique transversalement étirable pour fermeture à glissière

Publication

EP 2177126 A1 20100421 (EN)

Application

EP 09172973 A 20091014

Priority

IT TO20080764 A 20081017

Abstract (en)

A stringer (S) for a slide fastener (F), comprises a transversely stretchable warp-knit tape (1), having threads (W1- WN) extending longitudinally of the tape (1) and including an inner, coupling element mounting area (2), an intermediate, transversely stretchable main portion (3), and an outer, stitching area (4). Wefts (L2, L4) of elastic yarns are laid across the whole respective tape (1) and at least the intermediate main area (3) of the tape (1) is provided with a number of transversely spaced longitudinal gaps or missing threads (W10, W12, ...).

IPC 8 full level

A44B 19/34 (2006.01); **D04B 21/12** (2006.01)

CPC (source: EP)

A44B 19/343 (2013.01); **D04B 21/12** (2013.01); **D10B 2501/0631** (2013.01)

Citation (applicant)

- JP S573504 A 19820109 - HITACHI LTD
- JP 4352901 B2 20091028
- GB 2081757 A 19820224 - YOSHIDA KOGYO KK

Citation (search report)

- [DA] GB 2081757 A 19820224 - YOSHIDA KOGYO KK
- [A] US 4444026 A 19840424 - MATSUDA YOSHIO [JP]
- [A] EP 1839514 A1 20071003 - YKK CORP [JP]
- [A] US 6766669 B1 20040727 - TUNG HUNG JUI [TW]
- [A] GB 2023678 A 19800103 - MOLINIER SA
- [A] GB 263203 A 19261222 - THEODOR VORCK, et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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