

Title (en)
Slide fastener with separable bottom end stop

Title (de)
Reissverschluss mit einem unteren teilbaren Endanschlag

Title (fr)
Fermeture à glissière à butée d'arrêt inférieure séparable

Publication
EP 1459643 A3 20050810 (EN)

Application
EP 04005825 A 20040311

Priority
JP 2003077524 A 20030320

Abstract (en)
[origin: EP1459643A2] This invention relates to a slide fastener with a separable bottom end stop which enables a reinforcement portion of the separable bottom end stop to be sewed securely thereby preventing ribs at a sewing position from being damaged by a sewing needle. A reinforcement portion (10) is formed integrally on a lower half portion of each of a box pin (8) and an insert pin (9) of the separable bottom end stop using synthetic resin such that it is exposed on the fastener tape (3). The reinforcement portion (10) is constituted of an auxiliary member (11) and ribs (13) formed at a sewing position (40) to be sewed to a sewing object. The rib (13) is formed such that its height is 0.5 to 0.85 mm and its width is 0.6 to 0.9 mm and that it is expanded gradually from a vertex to a base portion. A gap portion (23), which is wider than the base portion of the rib (13), is formed between adjoining ribs (13). Thus, the rib (13) avoids strike of a sewing needle to prevent itself from being damaged by the sewing needle and the gap portion (23) ensures sewing of the fastener tape onto the sewing object. <IMAGE>

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A44B 19/38

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CPC (source: EP KR US)
A44B 19/38 (2013.01 - EP KR US); **Y10T 24/2511** (2015.01 - EP US)

Citation (search report)
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• [A] GB 988659 A 19650407 - LIGHTNING FASTENERS LTD
• [E] EP 1459642 A1 20040922 - YKK CORP [JP]

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