

Title (en)  
Fabric strap with soft side edges

Title (de)  
Stoffstreifen mit weichen Seitenkanten

Title (fr)  
Sangle en tissu présentant des bords latéraux doux

Publication  
**EP 2594670 A3 20140226 (EN)**

Application  
**EP 12193134 A 20121119**

Priority  
CN 201120461946 U 20111121

Abstract (en)  
[origin: EP2594670A2] The present invention relates to an integrally woven fabric strap having a soft edge on one or both longitudinal sides. The soft edge of the strap comprises spandex covered warp yarns which are thinner than the counterpart warps in the main body of the strap and also has a less dense weaving pattern for reducing weft exposure on the edge warp. Both these technical features contribute to the effect of softness and smoothness of the side edges. With the soft edge, the strap of this invention can find various applications in the underwear industry, as it causes no discomfort despite it is in close contact with the skin and has frequent movement causing frictions thereon during the course of daily wearing.

IPC 8 full level  
**D03D 3/00** (2006.01); **D03D 5/00** (2006.01); **D03D 15/56** (2021.01)

CPC (source: EP US)  
**D03D 3/005** (2013.01 - EP); **D03D 5/00** (2013.01 - EP); **D03D 15/43** (2021.01 - EP); **D03D 15/47** (2021.01 - EP US); **D03D 15/56** (2021.01 - EP);  
**D10B 2331/02** (2013.01 - EP); **D10B 2331/10** (2013.01 - EP); **D10B 2401/061** (2013.01 - EP)

Citation (search report)

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- [Y] CH 416932 A 19660715 - HEBERLEIN & CO AG [CH]
- [A] US 4750529 A 19880614 - WATANABE MASAO [JP]
- [A] US 4600626 A 19860715 - OGATA SHIGEJI [JP]
- [A] DE 102009058039 B3 20110505 - AUTOLIV DEV [SE]

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Designated contracting state (EPC)  
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**EP 12193134 A 20121119;** CN 201220057338 U 20120222; ES 12193134 T 20121119