

Title (en)

Latent contractable elastomers, composite yarns therefrom and methods of formation and use.

Title (de)

Latent schrumpfbare Elastomere, daraus zusammengesetzte Garne und Verfahren zu deren Herstellung und Anwendung.

Title (fr)

Elastomères à retrait latent, fils composés et méthode pour leur fabrication et leur utilisation.

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Application

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Priority

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Abstract (en)

This invention relates to melt extruded latent contractable elastic filaments which are formed by melt extruding certain segmented crosslinked thermoplastic polymers to form filaments, which filaments, when heat processed at elevated temperatures, significantly contract to yield an elastic filament. This invention also relates to the formation of composite covered yarns comprising the latent contractable melt extruded filaments. In addition, this invention relates to processes for forming articles from the latent contractable filaments or covered yarns comprising the contractable filaments and subsequently contracting the yarns to form an elastic article.

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Cited by

EP0250664A1; CN110512329A; GB2133740A; US4624720A; US4631098A; US4940820A; EP0315325A3; GB2145273A; US5599418A; GB2135836A; US4626458A; US4761193A; US5002822A; US4820561A; WO9615300A3

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