

Title (en)
Steel cord for rubber articles.

Title (de)
Seil aus Stahldrähten für Kautschukerzeugnisse.

Title (fr)
Câble en acier pour produits en caoutchouc.

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Application
EP 84870123 A 19840903

Priority
JP 16055483 A 19830902

Abstract (en)
A steel cord for reinforcing a rubber article such as tires, conveyor belts, and high pressure hoses, consists of a plurality of steel filaments twisted in the same twisting direction with the same twisting pitch. According to the invention, the filaments are spirally deformed so as substantially not to include any torsional stress or deformation component. This is obtained by means of preformers combined with the use of a tubular twisting machine, comprising filament bobbins mounted in the machine, and whose number corresponds to that of the filaments required for respective layers, including any core of the multiple layer steel cord. By eliminating torsional components acting upon the filaments, the fatigue resistance, adhesion stability and productivity of manufacturing are improved.

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D07B 1/06; **D07B 7/02**

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CPC (source: EP)
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Citation (search report)
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