

Title (en)  
Treatment of steel cord

Title (de)  
Behandlung eines Stahlseils

Title (fr)  
Traitement d'un câble d'acier

Publication  
**EP 0627521 B1 19971119 (EN)**

Application  
**EP 94200999 A 19940413**

Priority  
• EP 94200999 A 19940413  
• EP 93201130 A 19930420

Abstract (en)  
[origin: EP0627521A1] A steel cord (12) having steel filaments (2) twisted so as to have a final twist pitch, is subjected to a step (i) of plastically deforming the steel filaments (2) by overtwisting the steel cord (12) until a twist pitch which is smaller than the final twist pitch, a step (ii) of untwisting the steel cord (12) until the final twist pitch, a step (iii) of further untwisting the steel cord (12) until a twist pitch which is greater than the final twist pitch, a step (iv) of twisting the steel cord (12) again to its final twist pitch. Steps (i) and (ii) are done under a first tension and steps (iii) and (iv) are done under a second tension, the second tension is lower than half the first tension. <IMAGE>

IPC 1-7  
**D07B 3/10**; **D07B 7/02**

IPC 8 full level  
**D07B 3/10** (2006.01); **D07B 7/02** (2006.01)

CPC (source: EP)  
**D07B 3/10** (2013.01); **D07B 7/022** (2013.01); **D07B 2207/206** (2013.01); **D07B 2207/4072** (2013.01)

Cited by  
CN112813711A; FR2990962A1; CN104350201A; CN1109143C; CZ299927B6; US6151879A; CN1079863C; US6681555B1; WO2013174896A1; WO0148306A1; WO0056961A1; WO9712092A1

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