

Title (en)
Steel cord

Title (de)
Stahlseil

Title (fr)
Câble d'acier

Publication
EP 1167620 A1 20020102 (EN)

Application
EP 00112909 A 20000619

Priority
EP 00112909 A 20000619

Abstract (en)
The present invention relates to a steel cord (10) especially for reinforcing rubber articles. The steel cord (10) comprises at least one bundle (11) of several helically shaped filaments (12) and at least one single filament (13). In accordance with the invention the flexural strength of said at least one bundle (11) amounts to at least 50 percent or at most 150 percent of the flexural strength of said at least one single filament (13). Preferably, the flexural strength of said bundle is between 50 and 150 percent of the flexural strength of the at least one single filament. When twisting the bundle (11) with the single filament (13) the desired helical shape of the filaments (12) of the bundle (11) is achieved automatically. It is no longer necessary to pre-shape said filaments (12) so that production of the steel cord (10) is simplified. <IMAGE>

IPC 1-7
D07B 1/06

IPC 8 full level
D07B 1/06 (2006.01)

CPC (source: EP)
D07B 1/062 (2013.01); **D07B 1/0626** (2013.01); **D07B 2201/2059** (2013.01); **D07B 2401/206** (2013.01)

Citation (search report)
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1167620 A1 20020102

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