

Title (en)
Compact steel cord with no wrapping filament

Title (de)
Kompaktes Stahlseil ohne Umhüllungselement

Title (fr)
Câble d'acier compact sans fil de frettage

Publication
EP 0627520 B1 19981202 (EN)

Application
EP 94201134 A 19940425

Priority
• EP 94201134 A 19940425
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Abstract (en)
[origin: EP0627520A1] A steel cord (10) adapted for the reinforcement of elastomeric articles comprises a centre structure of one to five centre filaments (16) and a maximum of two layers of layer filaments surrounding said centre : an outer layer of outer layer filaments (12, 13) and, possibly, an intermediate layer of intermediate layer filaments (24) between the centre structure and the outer layer. All the centre filaments (16) and all the layer filaments (12, 13, 24) have the same twist hand and have the same twist pitch. The outer layer filaments (12, 13) exert a force which is directed radially inward and which is of such a magnitude that sleeving of the steel cord (10) is prevented. <IMAGE>

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IPC 8 full level
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D07B 1/0646 (2013.01); **D07B 1/0626** (2013.01); **D07B 5/12** (2013.01); **D07B 2201/2028** (2013.01); **D07B 2207/206** (2013.01)

Cited by
US6334293B1; EP1219746A1; CN103298996A; EP1033435A1; EP0711868A1; US5706641A; WO2012095224A1; WO0052254A1; WO03069055A1

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