

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 A1 19941207 (EN)

Application

EP 94201134 A 19940425

Priority

- EP 94201134 A 19940425
- EP 93201572 A 19930602

Abstract (en)

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>

IPC 1-7

D07B 1/06

IPC 8 full level

D07B 1/06 (2006.01)

CPC (source: EP)

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)

Citation (search report)

- [A] EP 0143767 A1 19850605 - BEKAERT SA NV [BE]
- [X] 17534: "Process for the manufacture of a strand, as well as a strand made according to this process, and elastomer or synthetic material objects reinforced with such strands", RESEARCH DISCLOSURE, no. 175, November 1978 (1978-11-01), EMSWORTH GB, pages 26 - 28

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