

Title (en)

Metal cord with round and non-round filaments

Title (de)

Metallcord mit runden und nichttrunden Filamenten

Title (fr)

Câble métallique à filaments ronds et non ronds

Publication

EP 2801659 A1 20141112 (EN)

Application

EP 13166603 A 20130506

Priority

EP 13166603 A 20130506

Abstract (en)

Metal cord (100, 200, 300, 510, 520, 530) for reinforcing elastomer products comprising n metal filaments (105, 210) twisted together in a cord twisting direction, all the metal filaments (105, 210) have the same cord twisting pitch, wherein at least one metal filament (210) has a cross section which deviates from a round cross section, e.g. a flat, oval or rectangular cross-section. The metal cord (100, 200, 300, 510, 520, 530) has high rubber penetration, high strength and high fatigue resistance. Also, the use of the metal cord (100, 200, 300, 510, 520, 530) for reinforcing rubber product, e.g. a breaker layer of a tire, is disclosed.

IPC 8 full level

D07B 1/06 (2006.01)

CPC (source: EP)

D07B 1/062 (2013.01); **D07B 2201/2002** (2013.01); **D07B 2201/2003** (2013.01); **D07B 2201/2005** (2013.01); **D07B 2201/2022** (2013.01); **D07B 2201/2028** (2013.01); **D07B 2201/2036** (2013.01); **D07B 2205/3035** (2013.01); **D07B 2205/3053** (2013.01); **D07B 2205/3089** (2013.01); **D07B 2401/208** (2013.01); **D07B 2501/2007** (2013.01); **D07B 2501/2046** (2013.01); **D07B 2501/2076** (2013.01)

Citation (applicant)

JP H0535889 U 19930514

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2801659 A1 20141112

DOCDB simple family (application)

EP 13166603 A 20130506