

Title (en)

RUBBER REINFORCING CORD AND RUBBER PRODUCT USING SAME

Title (de)

GUMMIARMIERENDER KORD UND DARAUF BASIERENDES GUMMIPRODUKT

Title (fr)

CORDON DE RENFORCEMENT DE CAOUTCHOUC ET PRODUIT CAOUTCHOUC UTILISANT CE CORDON

Publication

EP 1698720 A1 20060906 (EN)

Application

EP 04820689 A 20041209

Priority

- JP 2004018404 W 20041209
- JP 2003420382 A 20031218

Abstract (en)

A reinforcing cord (10) for rubber reinforcement of the present invention includes reinforcing fibers. The reinforcing fibers include polyarylate fibers (11) and a plurality of outer strands (12) that are arranged around the polyarylate fibers (11). The plurality of outer strands (12) include fibers other than polyarylate fibers. The use of this reinforcing cord for rubber reinforcement makes it possible to obtain a reinforcing cord for rubber reinforcement having high strength, elasticity, and bending fatigue resistance, and a rubber product including the same.

IPC 8 full level

D02G 3/44 (2006.01); **D02G 3/04** (2006.01)

CPC (source: EP US)

D02G 3/447 (2013.01 - EP US)

Citation (search report)

See references of WO 2005061766A1

Cited by

EP2221413A4; US11879520B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1698720 A1 20060906; CA 2548207 A1 20050707; CN 1894451 A 20070110; JP WO2005061766 A1 20070712; US 2007144134 A1 20070628; WO 2005061766 A1 20050707

DOCDB simple family (application)

EP 04820689 A 20041209; CA 2548207 A 20041209; CN 200480037555 A 20041209; JP 2004018404 W 20041209; JP 2005516459 A 20041209; US 58301504 A 20041209