

Title (en)

COMPOSITIONS AND ARTICLES FOR HIGH-TEMPERATURE WEAR USE

Title (de)

ZUSAMMENSETZUNGEN UND ARTIKEL ZUR VERWENDUNG BEI HOHER TEMPERATUR

Title (fr)

COMPOSITIONS ET ARTICLES POUR UTILISATION DEVANT RÉSISTER À L'USURE À HAUTE TEMPÉRATURE

Publication

EP 2493967 A1 20120905 (EN)

Application

EP 10773504 A 20101027

Priority

- US 25529509 P 20091027
- US 2010054208 W 20101027

Abstract (en)

[origin: WO2011053621A1] Disclosed herein are compositions and articles that are useful in environments exposed to heat, wear, and oxidizing agents, which are improved by means of specific kinds of carbon filaments. The compositions and articles comprise high-temperature polymer, high-temperature filler, and a mixture of carbon filament, wherein said mixture of carbon filament comprises multiwall axial carbon filament.

IPC 8 full level

B29C 70/10 (2006.01); **C08K 3/04** (2006.01); **C08K 7/24** (2006.01); **F16D 69/02** (2006.01)

CPC (source: EP KR)

B29C 70/025 (2013.01 - EP KR); **C08K 3/04** (2013.01 - KR); **C08K 7/06** (2013.01 - KR); **C08K 7/24** (2013.01 - KR); **C08L 79/08** (2013.01 - KR); **B29K 2079/08** (2013.01 - EP KR); **B29K 2105/167** (2013.01 - EP KR); **B29K 2707/04** (2013.01 - EP KR); **B29K 2995/0087** (2013.01 - EP KR); **B29L 2031/727** (2013.01 - EP KR); **C08K 2003/0856** (2013.01 - KR)

Citation (search report)

See references of WO 2011053621A1

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

DOCDB simple family (publication)

WO 2011053621 A1 20110505; CN 102666692 A 20120912; CN 102666692 B 20150603; EP 2493967 A1 20120905; JP 2013508533 A 20130307; KR 20120113720 A 20121015

DOCDB simple family (application)

US 2010054208 W 20101027; CN 201080048379 A 20101027; EP 10773504 A 20101027; JP 2012536979 A 20101027; KR 20127013668 A 20101027