

Title (en)

POLYMER COMPOSITE COMPOSITIONS

Title (de)

POLYMERWERBUNDZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS A BASE DE COMPOSITES POLYMERES

Publication

**EP 1419187 A4 20060607 (EN)**

Application

**EP 01939850 A 20010601**

Priority

- US 0117880 W 20010601
- US 20854301 P 20010601

Abstract (en)

[origin: WO02098937A1] The invention relates to methods of treating mixtures containing polymeric materials, e.g., collagen, to form a polymer that intercalates into the polymeric material. The treatment provides greater tensile strength to the mixture, among other advantages. The polymer is formed of a monomeric unit having at least one catechol group that is oxidized to a quinone upon polymerization.

IPC 1-7

**C08F 283/04**; **C08L 89/00**

IPC 8 full level

**C08F 283/04** (2006.01); **C08F 289/00** (2006.01); **C08H 1/06** (2006.01); **C08L 89/06** (2006.01)

CPC (source: EP)

**C08F 283/04** (2013.01); **C08F 289/00** (2013.01); **C08H 1/06** (2013.01); **C08L 89/06** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 02098937A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 02098937 A1 20021212**; EP 1419187 A1 20040519; EP 1419187 A4 20060607

DOCDB simple family (application)

**US 0117880 W 20010601**; EP 01939850 A 20010601