

Title (en)  
CURABLE PARTIALLY FLUORINATED POLYMER COMPOSITIONS

Title (de)  
HÄRTBARE TEILFLUORIERTE POLYMERZUSAMMENSETZUNGEN

Title (fr)  
COMPOSITIONS DURCISSABLES DE POLYMÈRE PARTIELLEMENT FLUORÉ

Publication  
**EP 3233938 A4 20180530 (EN)**

Application  
**EP 15870929 A 20151216**

Priority  
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Abstract (en)  
[origin: WO2016100420A1] Described herein is a curable partially fluorinated polymer composition and a method thereof. The composition comprising: (i) a partially fluorinated amorphous fluoropolymer, wherein the partially fluorinated amorphous fluoropolymer comprises carbon-carbon double bonds or is capable of forming carbon-carbon double bonds along the partially fluorinated amorphous fluoropolymer chain; (ii) 1 to 10 parts of a curing agent per 100 parts of the partially fluorinated amorphous fluoropolymer wherein the curing agent is of the formula CX<sub>1</sub>X<sub>2</sub>=CX<sub>3</sub>-L-M, wherein X<sub>1</sub>, X<sub>2</sub>, and X<sub>3</sub> are independently selected from H, Cl, and F and at least one of X<sub>1</sub>, X<sub>2</sub>, and X<sub>3</sub> is H; L is a bond or a linking group; and M is a nucleophilic group; (iii) an acid acceptor; and (iv) an organoonium compound.

IPC 8 full level  
**C08K 5/05** (2006.01); **C08L 27/16** (2006.01)

CPC (source: CN EP KR)  
**C08F 14/18** (2013.01 - KR); **C08F 214/18** (2013.01 - KR); **C08F 214/222** (2013.01 - KR); **C08F 214/225** (2013.01 - CN KR); **C08F 214/28** (2013.01 - CN); **C08J 3/244** (2013.01 - KR); **C08K 3/011** (2017.12 - EP); **C08K 3/18** (2013.01 - EP); **C08K 3/28** (2013.01 - EP); **C08K 3/30** (2013.01 - EP); **C08K 3/32** (2013.01 - EP); **C08K 5/04** (2013.01 - EP); **C08K 5/06** (2013.01 - CN); **C08K 5/08** (2013.01 - KR); **C08L 23/28** (2013.01 - KR)

Citation (search report)  
• [XY] WO 2005123786 A1 20051229 - DUPONT DOW ELASTOMERS LLC [US], et al  
• [Y] EP 0968246 A1 20000105 - DYNEON LLC [US]  
• See references of WO 2016100420A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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