

Title (en)

PERFLUOROELASTOMERS WITH ENHANCED PROPERTIES.

Title (de)

PERFLUORELASTOMER MIT VERBESSERTEN EIGENSCHAFTEN.

Title (fr)

PERFLUOROELASTOMERES AUX PROPRIETES AMELIOREES.

Publication

EP 0639208 A1 19950222 (EN)

Application

EP 93911181 A 19930507

Priority

- US 9304380 W 19930507
- US 87939092 A 19920507

Abstract (en)

[origin: WO9322379A1] The mechanical properties of cured perfluoroelastomers are enhanced by incorporating into compounds of uncured perfluoropolymer a fluoropolymer containing a hydroxyl group. The modified fluoropolymer can be either a fluoroplastic or a fluoroelastomer. A preferred hydroxy-containing monomer for preparation of the fluoropolymer is $\text{CF}_2=\text{CFOCF}_2\text{CF}(\text{CF}_3)\text{OCF}_2\text{CF}_2\text{-CH}_2\text{OH}$.

IPC 1-7

C08L 27/12

IPC 8 full level

C08L 27/12 (2006.01); **C08F 16/14** (2006.01); **C08F 214/26** (2006.01); **C08F 216/14** (2006.01); **C08L 27/18** (2006.01); **C08L 57/00** (2006.01)

CPC (source: EP)

C08L 27/18 (2013.01); **C08L 27/12** (2013.01)

Citation (search report)

See references of WO 9322379A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

WO 9322379 A1 19931111; EP 0639208 A1 19950222; JP H07506602 A 19950720

DOCDB simple family (application)

US 9304380 W 19930507; EP 93911181 A 19930507; JP 51965193 A 19930507