

Title (en)  
Elastomeric neutron protection material.

Title (de)  
Elastomeres Neutronenschutzmaterial.

Title (fr)  
Matériau élastomère de protection neutronique.

Publication  
**EP 0242227 A2 19871021 (EN)**

Application  
**EP 87303420 A 19870416**

Priority  
DE 3612971 A 19860417

Abstract (en)  
Elastomeric neutron protection material comprising a polymeric reaction product of a reaction between a) at least one polybutadiene-based polyol having a hydrogen content comparable to that of polyethylene; and b) at least one aliphatic diisocyanate; the material having a hydrogen content of at least about 8 weight percent.

IPC 1-7  
**G21F 1/10**

IPC 8 full level  
**C08G 18/69** (2006.01); **G21F 1/10** (2006.01)

CPC (source: EP)  
**G21F 1/10** (2013.01)

Cited by  
EP1081509A3; US4938233A; US2016200937A1; US10023751B2; EP2400505A1; FR2961940A1; WO9306602A1; WO8900831A1; US10899936B2; US11512207B2

Designated contracting state (EPC)  
CH FR GB IT LI

DOCDB simple family (publication)  
**EP 0242227 A2 19871021; EP 0242227 A3 19881005; EP 0242227 B1 19930210**; DE 3612971 A1 19871223; DE 3612971 C2 19970918; IL 82227 A0 19871030; JP S6324197 A 19880201

DOCDB simple family (application)  
**EP 87303420 A 19870416**; DE 3612971 A 19860417; IL 8222787 A 19870416; JP 9500487 A 19870417