

Title (en)

ANTI-ABRASIVE FIRE RETARDANT COMPOSITION

Title (de)

ABRIEBFESTE FLAMMWIDRIGE ZUSAMMENSETZUNG

Title (fr)

COMPOSITION IGNIFUGE ANTI-ABRASIVE

Publication

EP 1377635 A2 20040107 (EN)

Application

EP 02721203 A 20020226

Priority

- US 0206012 W 20020226
- US 27147701 P 20010226

Abstract (en)

[origin: WO02068061A2] Several general embodiments of an anti-abrasive fire retardant composition are provided, namely those comprising a plastisol binder, a polyurethane modified plastisol binder or system, or a pure urethane system modified to induce fire-retardancy. Preferably, the instant compositions of the subject invention are characterized as including a phosphate ester plasticizer, and further optionally including, alone or in combination, metallic compounds or intumescent graphite flake. It is likewise contemplated to include/incorporate (e.g., bind) ceramic (Al₂O₃) chips into base formulations of the subject invention to greatly enhance the abrasive character of the resulting composition or panels so fabricated.

IPC 1-7

C08K 3/04; C08K 5/521; C08K 3/22; C08L 75/04; C08L 27/06

IPC 8 full level

C08K 3/00 (2006.01); **C08K 3/04** (2006.01); **C08K 3/22** (2006.01); **C08K 5/521** (2006.01); **C09K 21/14** (2006.01)

CPC (source: EP)

C08K 3/04 (2013.01); **C08K 5/521** (2013.01); **C09K 21/14** (2013.01); **C04B 2235/425** (2013.01)

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 02068061 A2 20020906; **WO 02068061 A3 20021031**; AU 2002252145 A1 20020912; EP 1377635 A2 20040107; EP 1377635 A4 20050601

DOCDB simple family (application)

US 0206012 W 20020226; AU 2002252145 A 20020226; EP 02721203 A 20020226