

Title (en)

ANTI-ABRASIVE FIRE RETARDANT COMPOSITION

Title (de)

ABRIEBFESTE FLAMMWIDRIGE ZUSAMMENSETZUNG

Title (fr)

COMPOSITION IGNIFUGE ANTI-ABRASIVE

Publication

**EP 1377635 A4 20050601 (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 (Al<sub>2</sub>O<sub>3</sub>) 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

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CPC (source: EP)

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Citation (search report)

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- [X] DE 2547555 A1 19770428 - KZ VNII SINTETITSCHESKOYO KAUT
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- [A] US 4397974 A 19830809 - GOYERT WILHELM [DE], et al
- See references of WO 02068061A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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

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