

Title (en)

MULTI-LAYERED FIRE-RESISTANT PLASTIC MATERIAL

Title (de)

MEHRSCHITIGES FEUERFESTES KUNSTSTOFFMATERIAL

Title (fr)

MATÉRIAU MULTICOUCHE EN MATIÈRE PLASTIQUE RÉFRACTAIRE

Publication

**EP 2358827 A1 20110824 (DE)**

Application

**EP 09778894 A 20091113**

Priority

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Abstract (en)

[origin: WO2010057593A1] The invention relates to multi-layered plastic materials, to a method for the production thereof and to the use thereof. The invention more particularly relates to a multi-layered plastic material having a bending elasticity modulus of > 250 N/mm<sup>2</sup>, comprising a polyurethane carrier layer containing red phosphorus and/or melamine and/or melamine derivatives, and comprising at least one polyurethane cover layer that contains expanded graphite and is bonded to the surface of said carrier layer.

IPC 8 full level

**C09D 5/18** (2006.01); **B32B 27/40** (2006.01); **C09D 175/04** (2006.01); **C09K 21/14** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2010057593A1

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