

Title (en)

FLAME RETARDANT LASER DIRECT STRUCTURING MATERIALS

Title (de)

DIREKTSTRUKTURIERTE FLAMMHEMMENDE LASERMATERIALIEN

Title (fr)

MATIÈRES IGNIFUGES DE STRUCTURATION DIRECTE PAR LASER

Publication

**EP 3010724 A2 20160427 (EN)**

Application

**EP 14739942 A 20140623**

Priority

- US 201313923782 A 20130621
- IB 2014062542 W 20140623

Abstract (en)

[origin: WO2014203227A2] Flame retardant thermoplastic compositions that are capable of being used in a laser direct structuring process. The compositions include a thermoplastic resin, a laser direct structuring additive, and a flame retardant. The compositions offer flame retardant characteristics while also substantially maintaining the mechanical properties of the base thermoplastic resin, such as the impact strength and/or HDT of the composition. The compositions can be used in a variety of applications such as personal computers, notebook and portable computers, cell phone and other such communications equipment.

IPC 8 full level

**B41M 5/26** (2006.01); **C08K 3/00** (2006.01); **C08K 3/22** (2006.01); **C08K 5/00** (2006.01)

CPC (source: EP)

**B41M 5/265** (2013.01); **C08K 3/016** (2017.12); **C08K 3/22** (2013.01); **C08K 5/0066** (2013.01); **C08K 5/523** (2013.01)

Citation (search report)

See references of WO 2014203227A2

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

**IB 2014062542 W 20140623**; CN 201480035523 A 20140623; EP 14739942 A 20140623; KR 20167001508 A 20140623