

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)

WO 2014203227 A2 20141224; **WO 2014203227 A3 20150416**; CN 105492214 A 20160413; EP 3010724 A2 20160427; KR 102058072 B1 20191220; KR 20160021865 A 20160226

DOCDB simple family (application)

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