

Title (en)  
FLEXIBLE, FIREPROOF THERMOPLASTIC COMPOSITIONS WITH HIGH THERMOMECHANICAL STRENGTH AND IMPROVED THERMAL AGEING

Title (de)  
FLEXIBLE, FEUERFESTE THERMOPLASTISCHE ZUSAMMENSETZUNGEN MIT HOHER THERMOMECHANISCHER FESTIGKEIT UND VERBESSERTER THERMISCHER ALTERUNGSBESTÄNDIGKEIT

Title (fr)  
COMPOSITIONS THERMOPLASTIQUES SOUPLES À HAUTE TENUE THERMOMÉCANIQUE ET IGNIFUGÉES À VIEILLISSEMENT THERMIQUE AMÉLIORÉ

Publication  
**EP 3574038 A1 20191204 (FR)**

Application  
**EP 18707075 A 20180126**

Priority  
• FR 1750697 A 20170127  
• FR 2018050179 W 20180126

Abstract (en)  
[origin: WO2018138446A1] The present invention relates to compositions comprising a copolymer comprising at least one segment of a polyolefin and at least one segment of a polyamide, said composition further comprising piperazine pyrophosphate and, optionally, a colouring additive. The present invention also relates to a method for manufacturing said compositions and the use thereof for the manufacture of wire rope coatings, electrical parts such as electrical connectors or electrotechnical housings, thermal protection coatings or sleeves, injection-moulded parts for electronic equipment such as computers and telephones, single-layer or multi-layer tubes, corrugated tubes, preferably for the manufacture of wire rope coatings. Finally, the invention also relates to the electronic, electrical or thermal protection components comprising said composition.

IPC 8 full level  
**C08G 81/02** (2006.01); **C08K 5/52** (2006.01); **C09D 5/18** (2006.01); **H01B 7/295** (2006.01); **H01R 13/527** (2006.01)

CPC (source: EP KR US)  
**C08G 81/028** (2013.01 - KR); **C08K 3/34** (2013.01 - KR); **C08K 5/0066** (2013.01 - US); **C08K 5/52** (2013.01 - US); **C08K 5/5205** (2013.01 - EP KR); **C08L 23/00** (2013.01 - KR); **C08L 23/0869** (2013.01 - US); **C08L 77/00** (2013.01 - KR US); **C09D 5/18** (2013.01 - EP KR); **H01B 7/295** (2013.01 - EP KR); **H01R 13/527** (2013.01 - KR); **C08G 81/028** (2013.01 - EP); **C08L 2201/02** (2013.01 - US); **C08L 2203/202** (2013.01 - US); **C08L 2203/206** (2013.01 - US); **H01R 13/527** (2013.01 - EP)

Citation (search report)  
See references of WO 2018138446A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2018138446 A1 20180802**; CN 110214158 A 20190906; EP 3574038 A1 20191204; FR 3062390 A1 20180803; FR 3062390 B1 20201106; JP 2020514487 A 20200521; KR 20190104071 A 20190905; US 2019367714 A1 20191205

DOCDB simple family (application)  
**FR 2018050179 W 20180126**; CN 201880008684 A 20180126; EP 18707075 A 20180126; FR 1750697 A 20170127; JP 2019540575 A 20180126; KR 20197024872 A 20180126; US 201816480000 A 20180126