

Title (en)

STABILIZED POLYOLEFIN COMPOSITIONS COMPRISING BENZOFURANONES AND ORGANOPHOSPHORUS STABILIZERS

Title (de)

STABILISIERTE POLYOLEFINZUSAMMENSETZUNGEN MIT BENZOFURANONEN UND ORGANOPHOSPHORSTABILISATOREN

Title (fr)

COMPOSITIONS DE POLYOLÉFINES STABILISÉES COMPRENANT DES BENZOFURANONES ET DES STABILISANTS ORGANOPHOSPHORÉS

Publication

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Application

EP 18828913 A 20180703

Priority

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Abstract (en)

[origin: CA3068831A1] Polyolefin compositions comprising i) a polyolefin, ii) one or more phosphorus- containing benzofuranone compounds and iii) one or more organophosphorus stabilizers are provided excellent protection against discoloration and enhanced thermal stability during melt processing as exhibited by improved retention of molecular weight and maintenance of polymer molecular architecture.

IPC 8 full level

C07F 9/655 (2006.01); **C08K 5/04** (2006.01); **C08K 5/529** (2006.01)

CPC (source: EP KR)

C08K 3/22 (2013.01 - KR); **C08K 5/005** (2013.01 - EP KR); **C08K 5/098** (2013.01 - KR); **C08K 5/103** (2013.01 - KR); **C08K 5/105** (2013.01 - KR); **C08K 5/1345** (2013.01 - EP); **C08K 5/1535** (2013.01 - KR); **C08K 5/3435** (2013.01 - KR); **C08K 5/3492** (2013.01 - KR); **C08K 5/521** (2013.01 - EP KR); **C08K 5/523** (2013.01 - EP); **C08K 5/524** (2013.01 - EP); **C08K 5/526** (2013.01 - KR); **C08K 5/527** (2013.01 - EP KR); **C08K 5/529** (2013.01 - KR); **C08L 23/06** (2013.01 - KR); **C08L 23/12** (2013.01 - KR); **C08K 2201/019** (2013.01 - EP)

C-Set (source: EP)

1. **C08K 5/005 + C08L 23/06**
2. **C08K 5/521 + C08L 23/06**
3. **C08K 5/1345 + C08L 23/06**
4. **C08K 5/1345 + C08L 23/12**
5. **C08K 5/005 + C08L 23/12**
6. **C08K 5/521 + C08L 23/12**
7. **C08K 5/523 + C08L 23/12**
8. **C08K 5/524 + C08L 23/12**
9. **C08K 5/527 + C08L 23/12**
10. **C08K 5/527 + C08L 23/06**
11. **C08K 5/524 + C08L 23/06**
12. **C08K 5/523 + C08L 23/06**

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

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DOCDB simple family (application)

AU 2018298021 A 20180703; AU 2022203873 A 20220603; BR 112020000132 A 20180703; CA 3068831 A 20180703; CN 201880056779 A 20180703; EP 18828913 A 20180703; JP 2019572618 A 20180703; KR 20207003110 A 20180703; MX 2020000231 A 20180703; TW 107123289 A 20180705; ZA 202000592 A 20200129