

Title (en)
HIGH-VOLTAGE COMPONENTS

Title (de)
HOCHVOLT-KOMPONENTEN

Title (fr)
COMPOSANTS HAUTE TENSION

Publication
EP 4028465 A1 20220720 (DE)

Application
EP 20761853 A 20200831

Priority
• EP 19196336 A 20190910
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Abstract (en)
[origin: WO2021047937A1] The invention relates to high-voltage components, in particular for electromobility, containing polymer compositions based on at least one polyester and at least one sulfide containing cerium. The invention also relates to the use thereof for producing polyester-based high-voltage components or for marking polyester-based products as high-voltage components using a laser.

IPC 8 full level
C08K 3/30 (2006.01); **C08K 5/00** (2006.01); **C08L 67/00** (2006.01); **C08L 69/00** (2006.01)

CPC (source: CN EP KR US)
B29B 7/90 (2013.01 - US); **B29B 9/06** (2013.01 - US); **B29C 45/0001** (2013.01 - US); **B29C 48/022** (2019.01 - US); **B29C 49/0005** (2013.01 - US); **C08J 3/28** (2013.01 - US); **C08K 3/016** (2017.12 - KR); **C08K 3/30** (2013.01 - CN EP KR); **C08K 5/005** (2013.01 - CN EP KR); **C08K 5/0066** (2013.01 - CN EP KR); **C08K 7/14** (2013.01 - KR); **C08K 13/02** (2013.01 - US); **C08L 67/02** (2013.01 - KR); **C08L 69/00** (2013.01 - KR); **B29K 2067/006** (2013.01 - US); **B29K 2069/00** (2013.01 - US); **B29K 2995/0016** (2013.01 - US); **B29L 2031/3406** (2013.01 - US); **C08J 2367/02** (2013.01 - US); **C08K 5/3465** (2013.01 - US); **C08K 2003/3009** (2013.01 - CN EP KR US); **C08L 2203/20** (2013.01 - KR)

C-Set (source: CN EP)

CN
1. **C08K 5/005 + C08L 67/00**
2. **C08K 5/0066 + C08L 67/00**
3. **C08K 3/30 + C08L 67/00**

EP
1. **C08K 3/30 + C08L 67/02**
2. **C08K 3/30 + C08L 69/00**
3. **C08K 5/005 + C08L 69/00**
4. **C08K 5/0066 + C08L 69/00**
5. **C08K 5/0066 + C08L 67/00**
6. **C08K 5/005 + C08L 67/00**

Citation (search report)
See references of WO 2021047937A1

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)
EP 3792303 A1 20210317; CN 114364728 A 20220415; CN 114364728 B 20231128; EP 4028465 A1 20220720; JP 2022546868 A 20221109; JP 7472273 B2 20240422; KR 20220062507 A 20220517; US 2022348744 A1 20221103; WO 2021047937 A1 20210318

DOCDB simple family (application)
EP 19196336 A 20190910; CN 202080063100 A 20200831; EP 2020074239 W 20200831; EP 20761853 A 20200831; JP 2022515737 A 20200831; KR 20227007375 A 20200831; US 202017641173 A 20200831