

Title (en)

FLAME-PROTECTED IMPACT-MODIFIED BATTERY HOUSING BASED ON POLYCARBONATES I

Title (de)

FLAMMGESCHÜTZTE SCHLAGZÄHMODIFIZIERTE BATTERIEGEHÄUSE AUF POLYCARBONATBASIS I

Title (fr)

BOÎTIER DE BATTERIE IGNIFUGÉ À RÉSILIENCE MODIFIÉE À BASE DE POLYCARBONATE I

Publication

EP 2619264 A1 20130731 (DE)

Application

EP 11760759 A 20110920

Priority

- DE 102010041387 A 20100924
- EP 2011066313 W 20110920

Abstract (en)

[origin: US2012074617A1] Battery box comprising compositions containing A) 70.0 to 90.0 parts by weight of linear and/or branched aromatic polycarbonate and/or aromatic polyester carbonate, B) 6.0 to 15.0 parts by weight of at least one graft polymer, C) 2.0 to 15.0 parts by weight of one or more phosphorus compounds, D) 0 to 3.0 parts by weight of antidripping agents, E) 0 to 3.0 parts by weight of thermoplastic vinyl (co)polymer (E.1) and/or polyalkylene terephthalate (E.2), and F) 0 to 20.0 parts by weight of further additives, wherein the compositions are optionally free from rubber-free polyalkyl(alkyl)acrylate.

IPC 8 full level

C08K 5/523 (2006.01); **C08L 51/08** (2006.01); **C08L 69/00** (2006.01); **H01M 50/209** (2021.01); **H01M 50/213** (2021.01); **H01M 50/222** (2021.01); **H01M 50/227** (2021.01); **H01M 50/229** (2021.01); **H01M 50/24** (2021.01); **H01M 50/242** (2021.01)

CPC (source: EP KR US)

C08K 5/523 (2013.01 - KR); **C08L 51/085** (2013.01 - EP KR US); **C08L 69/00** (2013.01 - EP US); **C08L 69/005** (2013.01 - EP KR US); **H01M 50/209** (2021.01 - EP US); **H01M 50/213** (2021.01 - EP US); **H01M 50/222** (2021.01 - EP US); **H01M 50/227** (2021.01 - EP US); **H01M 50/229** (2021.01 - EP US); **H01M 50/24** (2021.01 - EP KR US); **H01M 50/242** (2021.01 - EP US); **C08K 5/49** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP KR)

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See references of WO 2012038421A1

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US 2012074617 A1 20120329; **US 8530551 B2 20130910**; BR 112013006912 A2 20160712; CA 2812292 A1 20120329; CN 103370369 A 20131023; CN 103370369 B 20151125; DE 102010041387 A1 20120329; EP 2619264 A1 20130731; KR 101860359 B1 20180523; KR 20130116873 A 20131024; MX 2013003305 A 20130429; TW 201230448 A 20120716; TW I528615 B 20160401; WO 2012038421 A1 20120329

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