

Title (en)

HIGH TEMPERATURE MELT INTEGRITY SEPARATOR

Title (de)

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Title (fr)

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Publication

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Application

EP 13777339 A 20130730

Priority

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- IB 2013056265 W 20130730

Abstract (en)

[origin: WO2014020545A1] A heat-resistant material based on an amorphous thermoplastic polymer that is resistant to, but highly compatible with electrolyte solutions is disclosed. In an aspect, the heat-resistant material is used to form a separator for a battery cell and/or an electrolytic capacitor cell.

IPC 8 full level

H01G 9/022 (2006.01); **H01G 11/54** (2013.01); **H01G 11/56** (2013.01); **H01M 2/14** (2006.01); **H01M 2/16** (2006.01); **H01M 10/0525** (2010.01); **H01M 10/0564** (2010.01); **H01M 50/406** (2021.01); **H01M 50/414** (2021.01); **H01M 50/451** (2021.01); **H01M 50/491** (2021.01); **H01M 50/494** (2021.01); **H01M 50/497** (2021.01)

CPC (source: CN EP KR US)

H01G 11/52 (2013.01 - CN EP KR); **H01G 11/60** (2013.01 - CN EP KR); **H01M 10/0525** (2013.01 - KR); **H01M 10/0564** (2013.01 - CN EP KR); **H01M 50/406** (2021.01 - CN EP KR US); **H01M 50/411** (2021.01 - KR); **H01M 50/414** (2021.01 - CN EP KR US); **H01M 50/446** (2021.01 - CN EP KR); **H01M 50/451** (2021.01 - CN EP KR US); **H01M 50/491** (2021.01 - CN EP KR US); **H01M 50/494** (2021.01 - KR); **H01M 50/497** (2021.01 - KR); **H01M 10/0525** (2013.01 - CN EP); **H01M 50/494** (2021.01 - CN EP US); **H01M 50/497** (2021.01 - CN EP US); **Y02E 60/10** (2013.01 - EP KR); **Y02E 60/13** (2013.01 - KR)

Citation (search report)

See references of WO 2014020545A1

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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BA ME

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IB 2013056265 W 20130730; CN 201380040714 A 20130730; EP 13777339 A 20130730; JP 2015524894 A 20130730; JP 2017103009 A 20170524; KR 20157004195 A 20130730