Title (en)

IONOMER BASED HIGH-ENERGY COMPOSITIONS

Publication

EP 0377522 A3 19920226 (EN)

Application

EP 90300152 A 19900105

Priority

US 29432989 A 19890106

Abstract (en)

[origin: EP0377522A2] A high-energy composition such as a propellant has high energy particulates dispersed in a binder system based upon thermoplastic elastomeric ionomers. In addition to the ionomer, the binder system has an ionolyzer which melts at processing temperatures and facilitates relative movement of ionic segments of the ionomer, plus a plasticizer for hydrophobic, amorphous segments of the ionomer.

IPC 1-7

C06B 45/10

IPC 8 full level

C06B 23/00 (2006.01); **C06B 45/10** (2006.01); **C06D 5/00** (2006.01)

CPC (source: EP)

C06B 45/10 (2013.01)

Citation (search report)

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- [AP] G. ALLEN ET AL 'COMPREHENSIVE POLYMER SCIENCE, Volume 2; POLYMER PROPERTIES.' 1989 , PERGAMON PRESS , NEW YORK
- [A] 'ENCYCLOPEDIA OF POLYMER SCIENCE AND ENGINEERING, Volume 12; POLYESTERS TO POLYPEPTIDE SYNTHESIS.' & SONS , NEW YORK
- [A] 'ENCYCLOPEDIA OF POLYMER SCIENCE AND ENGINEERING, Volume 8; IDENTIFICATION TO LIGNIN.' & SONS , NEW YORK

Designated contracting state (EPC)

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