

Title (en)

Molding compositions comprising thermoplastic elastomers, method for preparing molded articles, and molded articles.

Title (de)

Formmassen aus thermoplastischen Elastomeren, Verfahren für die Herstellung von Formkörpern und Formkörper.

Title (fr)

Compositions d'élastomères thermoplastiques, procedure de préparation d'articles moulés, et moulages.

Publication

EP 0000920 A1 19790307 (EN)

Application

EP 78100674 A 19780816

Priority

US 82517577 A 19770817

Abstract (en)

[origin: ES472566A1] Compositions comprising a thermoplastic elastomer, e.g., radial block butadiene/styrene copolymer, solid resinous polymer, e.g., vinyl-substituted aromatics, and one or more specific polar compounds. The specific polar compounds are chosen from among simple and polymeric alkaline glycols, their mono and dialkyl ethers ethanolamines, isopropanolamines, and their hydrocarbyl-substituted derivatives liquid acrylonitrile/butadiene polymers acrylonitrile/butadiene blends with homopolymers of polyvinyl chloride and styrene/acrylonitrile copolymers and mixtures thereof. A method using these compositions for producing molded objects at a molding pressure of up to about 200 psig. Molded objects produced from these compositions and molded objects produced by this method of molding.

IPC 1-7

C08L 53/02; B29H 17/00; C08J 3/28

IPC 8 full level

B29C 35/08 (2006.01); **B29C 43/00** (2006.01); **B29D 30/00** (2006.01); **C08J 3/28** (2006.01); **C08L 53/02** (2006.01)

CPC (source: EP US)

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C-Set (source: EP US)

1. **C08L 53/02** + **C08L 2666/04**
2. **C08L 53/025** + **C08L 2666/04**

Citation (search report)

- [X] DE 1795547 A1 19730719 - PHILLIPS PETROLEUM CO
- [X] DE 1220599 B 19660707 - PHILLIPS PETROLEUM CO
- [X] US 3497572 A 19700224 - CHILDERS CLIFFORD W, et al
- [X] US 3985702 A 19761012 - HIMES GLENN ROY
- [X] US 3803274 A 19740409 - YOKOI K, et al
- [X] REVUE GENERALE DES CAOUTCHOUCS ET DES PLASTIQUES, vol. 49, no. 4, 1972, Paris. PIERRE CHANET and M. MONCEL: "Rôle de l'humidité des mélanges dans le chauffage diélectrique par ultrahaute fréquence", Pages 309-314

Cited by

USRE31696E; EP0009208A1; DE202011101868U1; EP3487677A1

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EP 0000920 A1 19790307; **EP 0000920 B1 19821110**; CA 1109979 A 19810929; DE 2862084 D1 19821216; DK 362678 A 19790218; ES 472566 A1 19791016; IT 1098055 B 19850831; IT 7826775 A0 19780814; US 4288399 A 19810908

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