

Title (en)
Shaped articles of crosslinked polymers.

Title (de)
Formteile aus vernetzten Polymeren.

Title (fr)
Pièces moulées de polymères réticulés.

Publication
EP 0222507 A1 19870520 (EN)

Application
EP 86307817 A 19861009

Priority
US 78680685 A 19851011

Abstract (en)
Electrical conductors which are insulated by an inner polymeric layer having little or no cross-linking and high elongation, and an outer polymeric layer having a relatively high level of cross-linking and low elongation. Preferably each of the components comprises a crystalline fluorocarbon polymer, especially an ethylene/tetrafluoroethylene copolymer. Such articles can be prepared by (1) melt-extruding a first polymeric composition which contains little or no cross-linking agent, and a second polymeric composition which contains a greater amount of cross-linking agent, (2) maintaining the two extrudates under conditions such that cross-linking agent migrates from the second to the first composition, and (3) cross-linking both compositions, preferably by radiation.

IPC 1-7
H01B 7/02; **H01B 3/44**

IPC 8 full level
H01B 13/14 (2006.01); **H01B 3/44** (2006.01); **H01B 7/02** (2006.01)

CPC (source: EP KR)
H01B 3/443 (2013.01 - EP); **H01B 7/00** (2013.01 - KR)

Citation (search report)

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