

Title (en)

Improving conductivity of plastics containing metallic fillers.

Title (de)

Verbesserung der Leitfähigkeit von metallische Füllstoffe enthaltenden Kunststoffen.

Title (fr)

Amélioration de la conductibilité de matières plastiques contenant des matières de charge métalliques.

Publication

EP 0221434 A1 19870513 (EN)

Application

EP 86114549 A 19861021

Priority

US 79499585 A 19851104

Abstract (en)

The electrical conductivity of plastic materials is improved by dispersing highly electrically conductive filler elements throughout the volume of the plastic coupled with dispersion of low ionization potential materials in the space separating the conductive fillers, the low ionization potential materials providing a source of electrons which increases the conductivity of the material.

IPC 1-7

H01B 1/12; **H01B 1/20**

IPC 8 full level

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CPC (source: EP)

H01B 1/22 (2013.01); **H01B 1/24** (2013.01)

Citation (search report)

- EP 0144127 A1 19850612 - NIPPON TELEGRAPH & TELEPHONE [JP]
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