

Title (en)

Power cable with improved dielectric strength

Title (de)

Energiekabel mit verbesserter dielektrischen Festigkeit

Title (fr)

Câble d'énergie à rigidité diélectrique améliorée

Publication

EP 0645781 B1 19970409 (FR)

Application

EP 94402053 A 19940914

Priority

- FR 9311117 A 19930917
- FR 9312227 A 19931014

Abstract (en)

[origin: EP0645781A1] Power cable with improved dielectric strength, comprising an electrical core and a first polymeric dielectric layer for insulating the said core, characterised in that the said first dielectric layer consists of an insulating polymeric matrix containing at least one conductive polymer incorporated into the said polymeric matrix with a mass fraction such that the resulting electrical conductivity of the said first layer is less than 10^{-14} S/cm for DC and less than 10^{-10} S/cm for AC. <IMAGE>

IPC 1-7

H01B 9/02

IPC 8 full level

H01B 3/30 (2006.01); **H01B 9/02** (2006.01)

CPC (source: EP KR)

H01B 9/02 (2013.01 - KR); **H01B 9/027** (2013.01 - EP)

Cited by

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