

Title (en)
Electrical cable

Title (de)
Elektrische Leitung

Title (fr)
Ligne électrique

Publication
EP 2511913 B1 20130605 (DE)

Application
EP 11305435 A 20110414

Priority
EP 11305435 A 20110414

Abstract (en)
[origin: EP2511913A1] The cable has two wires (1, 2) surrounded by a common electrical shield (7) and formed by conductors (3) which are surrounded by insulators (4), where the wires are stranded together. A circumferentially extending insulation layer (8) is formed over the electrical shield, where the insulators are composed of poorly compressible, cross-linked elastomer insulation material whose insulation resistance constant at room temperature is greater than 4,000 megaohm per kilometer. The shield is composed of non-woven polyamide-based fabric which is rendered electrically conductive by metallization.

IPC 8 full level
H01B 3/44 (2006.01); **H01B 11/10** (2006.01); **H01B 7/04** (2006.01)

CPC (source: EP KR US)
H01B 9/02 (2013.01 - KR); **H01B 11/06** (2013.01 - KR); **H01B 11/10** (2013.01 - EP US); **H01B 7/041** (2013.01 - EP US);
H01B 9/003 (2013.01 - EP US)

Designated contracting state (EPC)
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