

Title (en)
Flexible electrical line

Title (de)
Flexible elektrische Leitung

Title (fr)
Ligne électrique flexible

Publication
EP 1736999 A1 20061227 (DE)

Application
EP 05291371 A 20050624

Priority
EP 05291371 A 20050624

Abstract (en)
The cable has a conductor surrounded by a layer (3) that is made of a massive polymer. Wall thickness of the conductor ensures prescribed voltage stability. Another layer (4), which is made of polymer having definite dielectric constant, which is lower than that of the polymer of the layer (3), is arranged on the former layer (3). The layer (4) is surrounded by an electrically operative shield (5) over which casing is arranged.

IPC 8 full level
H01B 7/04 (2006.01)

CPC (source: EP)
H01B 7/041 (2013.01)

Citation (applicant)
DE 3604311 A1 19870813 - KABELMETAL ELECTRO GMBH [DE]

Citation (search report)

- [XY] EP 1331648 A2 20030730 - SERVICE PETROLIERS SCHLUMBERGE [FR], et al
- [Y] US 2004055780 A1 20040325 - HAKKARAINEN SUSAN [US], et al
- [DA] DE 3604311 A1 19870813 - KABELMETAL ELECTRO GMBH [DE]

Cited by
DE102008027933A1; EP2124232A2; EP2071587A1; CN104733100A; CN113325782A; CN104766653A; EP2124232A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
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