

Title (en)
Flexible electrical conductor

Title (de)
Flexibler elektrischer Leiter

Title (fr)
Conducteur électrique flexible

Publication
EP 2117011 B1 20101229 (DE)

Application
EP 08290380 A 20080418

Priority
EP 08290380 A 20080418

Abstract (en)
[origin: EP2117011A1] The electrical line (9) has metallic base elements (4) with diameter between 0.1 and 0.32 millimeter arranged in a concentric structure on which the base elements strand around centrally lying base element (5). Metallic filling elements (6) lie inside a circumference (10) of the line, where a diameter of the filling elements is smaller than the diameter of the base elements. The base and the filling elements are formed as massive wires, where a width of the electrical line lies between 0.06 square millimeters and 0.62 square millimeters.

IPC 8 full level
H01B 7/00 (2006.01); **H01B 7/04** (2006.01)

CPC (source: EP)
H01B 7/0009 (2013.01); **H01B 7/04** (2013.01)

Cited by
US9040825B2; US10102461B2; US9053841B2; US9887023B2; US9818508B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2117011 A1 20091111; EP 2117011 B1 20101229; AT E493741 T1 20110115; DE 502008002135 D1 20110210

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EP 08290380 A 20080418; AT 08290380 T 20080418; DE 502008002135 T 20080418