

Title (en)
Electrical cable

Title (de)
Elektrische Leitung

Title (fr)
Câble électrique

Publication
EP 1134749 B1 20040922 (DE)

Application
EP 00400596 A 20000306

Priority
EP 00400596 A 20000306

Abstract (en)
[origin: EP1134749A1] The electrical line (1) has at least 2 relatively insulated electrical conductors (4) contained within a common inner mantle (6) having a cylindrical outer surface, enclosed by a screening mesh (14) and an outer insulating protection layer (15). The electrical conductors are twisted together with an alternating helix angle, the inner mantle made of a compressible material which is mechanically stable and the protection layer provided by a longitudinal foil around which a second foil is wound in a helix.

IPC 1-7
H01B 7/18

IPC 8 full level
H01B 7/17 (2006.01); **H01B 7/00** (2006.01); **H01B 7/18** (2006.01); **H01B 11/04** (2006.01); **H01B 11/06** (2006.01)

CPC (source: EP KR)
H01B 7/00 (2013.01 - KR); **H01B 7/1855** (2013.01 - EP); **H01B 7/186** (2013.01 - EP); **H01B 7/1895** (2013.01 - EP)

Cited by
EP2511913A1; FR2850788A1; WO2012076096A1; US9117571B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1134749 A1 20010919; EP 1134749 B1 20040922; AT E277411 T1 20041015; DE 50007888 D1 20041028; ES 2225038 T3 20050316; JP 2001256838 A 20010921; KR 100669310 B1 20070117; KR 20010087324 A 20010915

DOCDB simple family (application)
EP 00400596 A 20000306; AT 00400596 T 20000306; DE 50007888 T 20000306; ES 00400596 T 20000306; JP 2001060358 A 20010305; KR 20010011092 A 20010305