

Title (en)
Electrical power line

Title (de)
Elektrische Starkstromleitung

Title (fr)
Câble d'énergie électrique

Publication
EP 0809259 A3 19981104 (DE)

Application
EP 97401016 A 19970502

Priority
DE 19620752 A 19960523

Abstract (en)
[origin: EP0809259A2] This flexible heavy power cable is of the type having central reinforcement, surrounded by insulated conductors, with a all-enclosing outer casing. Novel features of the construction include the central reinforcement (3) consisting at least in part of plastic, on which high tensile fibres (7) are laid. Each conductor (9) has a surrounding braid (15). The preferred material for the core, is an ethylene propylene elastomer; for the high tensile fibres, aramid is used.

IPC 1-7
H01B 7/04

IPC 8 full level
H01B 7/04 (2006.01)

CPC (source: EP)
H01B 7/041 (2013.01); **H01B 9/003** (2013.01)

Citation (search report)

- [A] US 5119457 A 19920602 - CALLAHAN THOMAS F [US]
- [A] FR 1260189 A 19610505 - THOMSON HOUSTON COMP FRANCAISE
- [A] FR 2080795 A1 19711119 - REINSHAGEN KABELWERK GMBH

Cited by
CN109448905A; EP1041585A3; EP1225598A3

Designated contracting state (EPC)
CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0809259 A2 19971126; EP 0809259 A3 19981104; EP 0809259 B1 20010627; DE 19620752 A1 19971127; DE 59703890 D1 20010802

DOCDB simple family (application)
EP 97401016 A 19970502; DE 19620752 A 19960523; DE 59703890 T 19970502