

Title (en)
Metallic sheath for an electrical cable

Title (de)
Metallischer Mantel für ein elektrisches Kabel

Title (fr)
Gaine métallique pour un câble électrique

Publication
EP 0821369 A2 19980128 (DE)

Application
EP 97401521 A 19970630

Priority
US 68587596 A 19960724

Abstract (en)
The metallic cable mantle (10) has a ratio between its inner diameter (Di) and its outer diameter (Da) of more than 0.9. It is made from a corrugated metal sleeve with a wall thickness (s) which is between 0.09 and 0.005 times its outer diameter. The spacing (p) between the adjacent corrugations is between 0.12 and 0.08 times the outer diameter of the mantle, with a corrugation depth of between 0.08 and 0.01 times the outer diameter. The corrugated metal sleeve is more than 15% shorter in length than the smooth metal sleeve from which it is formed.

Abstract (de)
Ein metallischer Mantel für ein elektrisches Kabel mit einem Verhältnis von Innendurchmesser Di zu Außendurchmesser Da von mindestens 0,9 besteht aus einem längsnahtgeschweißten, ring- oder schraubenlinienförmig gewellten Rohr, dessen Wanddicke zwischen 0,009 und 0,005 Da beträgt und bei dem der Abstand p zweier benachbarter Wellenkuppen zwischen 0,12 und 0,08 Da beträgt. <IMAGE>

IPC 1-7
H01B 7/20; **H01B 13/26**

IPC 8 full level
H01B 7/20 (2006.01); **H01B 13/00** (2006.01); **H01B 13/22** (2006.01); **H02G 3/04** (2006.01)

CPC (source: EP US)
H01B 7/202 (2013.01 - EP US); **H01B 13/0009** (2013.01 - EP US); **Y10T 29/49123** (2015.01 - EP US)

Cited by
DE10330862A1; DE10109666B4

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

DOCDB simple family (publication)
EP 0821369 A2 19980128; **EP 0821369 A3 19981202**; **EP 0821369 B1 20001011**; CA 2211272 A1 19980124; CA 2211272 C 20050628; DE 59702441 D1 20001116; GR 3035035 T3 20010330; JP H1092241 A 19980410; US 5760334 A 19980602

DOCDB simple family (application)
EP 97401521 A 19970630; CA 2211272 A 19970722; DE 59702441 T 19970630; GR 20000402722 T 20001212; JP 19718397 A 19970723; US 68587596 A 19960724