

Title (en)

ASSEMBLY OF A SHEATH AND A SCREW CONNECTOR.

Title (de)

ANORDNUNG BESTEHEND AUS EINEM ABSCHIRMMANTEL FÜR EIN KABEL UND DAMIT VERBUNDENE VERSCHRAUBUNG.

Title (fr)

ASSEMBLAGE COMPRENANT UNE GAINÉ SOUPLE ET DES RACCORDS VISSÉS.

Publication

**EP 0290343 A1 19881109 (FR)**

Application

**EP 88401091 A 19880505**

Priority

FR 8706446 A 19870507

Abstract (en)

The present invention relates to a concentric multi-layer flexible screening sheath for an electrical cable (20), especially for protection against low-frequency electromagnetic radiation. It comprises, between two insulating layers (2-4, 9-10), a screen (5-8) having a high magnetic permeability coefficient formed by at least one band of nickel-iron alloy having a crystalline structure such as mu-metal (6), or from a boron-nickel-iron alloy having an amorphous structure, which band is placed between two metallic braids (5, 8) having low electrical resistivity and high coverage, for example made of tinned copper. Application to protecting against electromagnetic radiation in the myriametric and kilometric wave range. <IMAGE>

IPC 1-7

**H01B 11/10**

IPC 8 full level

**H01B 11/10** (2006.01)

CPC (source: EP)

**H01B 11/10** (2013.01)

Citation (search report)

- [Y] GB 677656 A 19520820 - AVICA EQUIP, et al
- [Y] US 3963854 A 19760615 - FOWLER ELIOT PATRICK
- [Y] FR 2520548 A1 19830729 - FILECA SA [FR]

Cited by

DE102009019797A1; DE19807527A1; FR2793593A1; DE102006013553B3; FR2793594A1; FR2665809A1; DE102009019797B4; WO9206520A1; WO0068959A1; EP2246948A2

Designated contracting state (EPC)

BE DE ES GB IT NL

DOCDB simple family (publication)

**EP 0290343 A1 19881109; EP 0290343 B1 19930203**; DE 3878022 D1 19930318; DE 3878022 T2 19930701; FR 2615030 A1 19881110; FR 2615030 B1 19900824

DOCDB simple family (application)

**EP 88401091 A 19880505**; DE 3878022 T 19880505; FR 8706446 A 19870507