

Title (en)

Electrical cable with improved screen

Title (de)

Elektrisches Kabel mit verbesserter Abschirmung

Title (fr)

Cable électrique avec écran amélioré

Publication

EP 1786001 A3 20131106 (FR)

Application

EP 06301126 A 20061107

Priority

FR 0553431 A 20051110

Abstract (en)

[origin: EP1786001A2] The cable has a screen (20) surrounding a central core (12) and electrically isolated from the core. The screen is constituted of a tape (32) comprising an insulating substrate and a metallic layer arranged on the substrate. The tape has a longitudinal edge (28) covering another longitudinal edge (30), where the two edges are bonded together by ultrasonic bonding until parts of the metallic layer are in contact with each other. An independent claim is also included for a method of fabricating a cable.

IPC 8 full level

H01B 11/10 (2006.01)

CPC (source: EP US)

H01B 11/1008 (2013.01 - EP US); **H01B 11/1025** (2013.01 - EP US)

Citation (search report)

- [Y] US 3576939 A 19710504 - ZIEMEK GERHARD KARL
- [Y] GB 1410676 A 19751022 - SUJIKURA CABLE WORKS LTD
- [A] EP 0872301 A1 19981021 - MITSUI MINING & SMELTING CO [JP]
- [YA] DE 19926304 A1 20001214 - SIEMENS AG [DE]
- [A] US 2001045296 A1 20011129 - BAILEY GEORGE R [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1786001 A2 20070516; EP 1786001 A3 20131106; FR 2893177 A1 20070511; FR 2893177 B1 20080905; US 2007144755 A1 20070628

DOCDB simple family (application)

EP 06301126 A 20061107; FR 0553431 A 20051110; US 59400106 A 20061107