

Title (en)
PROSPECTING CABLE

Publication
EP 0034800 B1 19841219 (FR)

Application
EP 81101150 A 19810218

Priority
FR 8004053 A 19800225

Abstract (en)
[origin: US4378464A] A cable for prospecting, said cable including a core of conductor wires (3) surrounded by insulating material (4) and by armour (7, 8) formed by at least one layer of helically wound steel wires. It includes, from its center to its periphery, inside the armour, an axial monofilament (2) made of a polymer that withstands high temperatures, said monofilament forming the insulation of an inner conductor (1), an outer conductor (5) and a sheath (6) made of a thermoplastic substance that withstands high temperatures, said inner conductor serving a different electrical function than said core of conductor wires.

IPC 1-7
H01B 7/04; **H01B 7/34**; **H01B 11/18**

IPC 8 full level
G01V 5/00 (2006.01); **G01V 3/00** (2006.01); **H01B 7/00** (2006.01); **H01B 7/04** (2006.01); **H01B 7/29** (2006.01); **H01B 11/18** (2006.01)

CPC (source: EP US)
H01B 7/04 (2013.01 - EP US); **H01B 7/292** (2013.01 - EP US); **H01B 11/1821** (2013.01 - EP US); **H01B 11/1891** (2013.01 - EP US)

Citation (examination)
• US 3773109 A 19731120 - EBERLINE H
• GB 1418554 A 19751224 - WIRE ROPE IND LTD
• US 3482034 A 19691202 - RHOADES LEE A, et al
• FR 2339237 A1 19770819 - INT STANDARD ELECTRIC CORP [US]
• GB 2034958 A 19800611 - STANDARD TELEPHONES CABLES LTD

Cited by
FR2576709A1; CN113963850A; WO9402948A1

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

DOCDB simple family (publication)
EP 0034800 A1 19810902; **EP 0034800 B1 19841219**; CA 1167125 A 19840508; DE 3167771 D1 19850131; FR 2476897 A1 19810828; FR 2476897 B1 19831125; JP S56136411 A 19811024; US 4378464 A 19830329

DOCDB simple family (application)
EP 81101150 A 19810218; CA 371613 A 19810224; DE 3167771 T 19810218; FR 8004053 A 19800225; JP 2602581 A 19810224; US 23819481 A 19810225