Title (en)
  MULTILAYER CABLES FOR AN OFFSHORE ENVIRONMENT

Title (de)
  MEHRSCHICHTIGE KABEL FÜR OFFSHORE-UMGEBUNG

Title (fr)
  CABLES MULTICOUCHES POUR ENVIRONNEMENT OFFSHORE

Publication
  EP 3797431 A1 20210331 (FR)

Application
  EP 19731322 A 20190514

Priority
  • FR 1870583 A 20180522
  • FR 2019051092 W 20190514

Abstract (en)
  [origin: WO2019224452A1] The invention relates to the field of cables for an offshore environment (known as "downhole cables"). More particularly, the invention relates to an electrical cable having an insulating multilayer structure based on fluorinated polymers and polyolefins. This structure is made up of multiple layers that are intercohesive and obtained by coextrusion. The invention also relates to the use of said cable as a drilling material for extracting petroleum or natural gas.

IPC 8 full level
  B32B 27/00 (2006.01); **H01B 3/44** (2006.01); **H01B 7/28** (2006.01)

CPC (source: EP US)
  B32B 1/08 (2013.01 - EP US); **B32B 7/12** (2013.01 - EP US); **B32B 15/085** (2013.01 - EP US); **B32B 15/20** (2013.01 - EP US); **B32B 27/08** (2013.01 - EP US); **B32B 27/26** (2013.01 - US); **B32B 27/304** (2013.01 - EP US); **B32B 27/308** (2013.01 - EP US); **B32B 27/32** (2013.01 - EP US); **H01B 3/445** (2013.01 - EP US); **H01B 7/28** (2013.01 - EP US); B32B 2250/04 (2013.01 - US); B32B 2270/00 (2013.01 - EP US); B32B 2307/202 (2013.01 - US); B32B 2457/00 (2013.01 - EP US); B32B 2597/00 (2013.01 - EP US); Y02A 30/14 (2017.12 - EP)

Citation (search report)
  See references of WO 2019224452A1

Designated contracting state (EPC)
  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
  BA ME

DOCDB simple family (publication)
  WO 2019224452 A1 20191128; EP 3797431 A1 20210331; FR 3081602 A1 20191129; FR 3081602 B1 20200501; US 2021146658 A1 20210520

DOCDB simple family (application)
  FR 2019051092 W 20190514; EP 19731322 A 20190514; FR 1870583 A 20180522; US 201917055299 A 20190514