

Title (en)
Flexible middle voltage (3.6/6 kV - 6/10 kV - 8.7/15 kV - 12/20 kV) electric cable resistant against fire, mechanical impacts and water jets, according to the Standard BS 7846:2009 CAT. F60

Title (de)
Flexible, gegen Feuer, mechanische Belastung und Wasserbestrahlung beständige Mittelspannungsstromkabel (3,6/6 kV - 6/10 kV - 8,7/15 kV - 12/20 kV) gemäß dem Standard BS 7846:2009 KAT. F60

Title (fr)
Cable électrique flexible moyenne tension resistant au feu, aux impacts mécaniques et aux jets d'eau, selon le standard BS 7846:2009 Cat. F60

Publication
EP 2413331 A1 20120201 (EN)

Application
EP 11166844 A 20110520

Priority
IT MI20101377 A 20100727

Abstract (en)
An improved middle voltage electric cable, characterized in that said electric cable comprises a first layer made of an extruded elastomeric ceramics silicone material, and an optional outer layer made of a like material, thereby providing a thermally protective barrier for the innermost layers of said cable comprising copper conductors, a semiconductor material and an insulating material, preferably a HF-HEPR material.

IPC 8 full level
H01B 3/28 (2006.01); **H01B 3/46** (2006.01)

CPC (source: EP)
H01B 3/28 (2013.01); **H01B 3/46** (2013.01)

Citation (search report)

- [Y] US 4150249 A 19790417 - PEDERSEN NARVE S
- [Y] CN 201489876 U 20100526 - ANHUI HUAFENG CABLE GROUP CO LTD
- [A] JP H05182752 A 19930723 - HITACHI CABLE

Cited by
CN113096871A; CN118197699A; US10515741B2; US10983296B2

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)
EP 2413331 A1 20120201; IT 1401143 B1 20130712; IT MI20101377 A1 20120128

DOCDB simple family (application)
EP 11166844 A 20110520; IT MI20101377 A 20100727