

Title (en)  
Electric power cable.

Title (de)  
Elektrisches Starkstromkabel.

Title (fr)  
Câble électrique de puissance.

Publication  
**EP 0129755 A1 19850102 (EN)**

Application  
**EP 84106571 A 19840608**

Priority  
JP 10393783 A 19830609

Abstract (en)  
An oil-immersion electrically insulated cable of high performance is constructed by wrapping a conductor with an insulating layer formed by winding on the conductor polypropylene film having a density in the range of 0.905 to 0.915 g/cm<sup>3</sup>, birefringence in the range of 0.020 to 0.035, ratio of strengths in two axial directions (tensile strength in the longitudinal direction/tensile strength in the lateral direction) in the range of 5 to 15, and thickness in the range of 70 to 300 microns, and impregnating the insulating layer with an insulating oil, preferably DDB oil.

IPC 1-7  
**H01B 9/06**; **H01B 7/02**

IPC 8 full level  
**H01B 7/02** (2006.01); **H01B 9/06** (2006.01)

CPC (source: EP)  
**H01B 7/0208** (2013.01); **H01B 9/0611** (2013.01)

Citation (search report)  
• [A] DE 2412222 A1 19740919 - BRITISH INSULATED CALLENDERS  
• [A] EP 0001494 A1 19790418 - BRITISH INSULATED CALLENDERS [GB]  
• [A] US 3378419 A 19680416 - EICH EDWARD D, et al  
• [A] CHEMICAL ABSTRACTS, vol. 88, no. 18, 1st May 1978, page 591, abstract 129838a, COLUMBUS, OHIO (US), & JP - A - 77 135 100 (TOYOBO CO. LTD.)(11-11-1977).

Cited by  
FR2558294A1; US4704170A; EP3503124A4; US11309102B2

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DOCDB simple family (publication)  
**EP 0129755 A1 19850102**; **EP 0129755 B1 19880309**; CA 1220533 A 19870414; DE 3469818 D1 19880414; JP H0239047 B2 19900904; JP S59228313 A 19841221

DOCDB simple family (application)  
**EP 84106571 A 19840608**; CA 456041 A 19840607; DE 3469818 T 19840608; JP 10393783 A 19830609