

Title (en)
Electric cables.

Title (de)
Elektrische Kabel.

Title (fr)
Câbles électriques.

Publication
EP 0001494 A1 19790418 (EN)

Application
EP 78300427 A 19780928

Priority
GB 4060877 A 19770929

Abstract (en)
The dielectric of a high-voltage cable is of lapped tapes that comprise alkene polymer film (13) preferably laminated between two paper layers (14). The dielectric is impregnated with an insulating liquid that is a aryl alkane having two or more separate benzene rings and 1-6 aliphatic non-cyclic carbon atoms per benzene ring. The benzene rings (or two of them if there are more than two in the molecule) are separated by no more than two aliphatic carbon atoms. Some of the aliphatic carbon atoms may be in hydrocarbon substituents in the benzene rings.

IPC 1-7
H01B 9/06; **H01B 3/22**

IPC 8 full level
H01B 3/22 (2006.01); **H01B 9/06** (2006.01); **H01B 9/00** (2006.01)

CPC (source: EP)
H01B 3/22 (2013.01); **H01B 9/0611** (2013.01)

Citation (search report)

- FR 2275860 A1 19760116 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [D] DE 2540866 A1 19760325 - BRITISH INSULATED CALLENDERS
- [D] FR 2257131 A2 19750801 - BRITISH INSULATED CALLENDERS [GB]
- US 2993156 A 19610718 - PRESTON ROBINSON
- GB 896066 A 19620509 - ANACONDA WIRE & CABLE CO
- FR 1367017 A 19640717 - ETHYL CORP [US]
- US 3077510 A 19630212 - OLDS WALTER F
- [P] FR 2349929 A1 19771125 - NIPPON OIL CO LTD [JP]
- [P] FR 2358237 A1 19780210 - BRITISH PETROLEUM CO [GB]

Cited by
EP0129755A1; FR2485563A1; EP0295924A1; US4967039A; US4602121A; EP0144149A1; US4613923A; DE3200954A1; US4556756A; EP0684614A1; WO2022065843A1

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

DOCDB simple family (publication)
EP 0001494 A1 19790418; IT 1105990 B 19851111; IT 7851262 A0 19780927; JP S5457689 A 19790509; NO 783289 L 19790330

DOCDB simple family (application)
EP 78300427 A 19780928; IT 5126278 A 19780927; JP 11939478 A 19780929; NO 783289 A 19780928