

Title (en)  
ELECTRIC CABLE

Title (de)  
ELEKTROKABEL

Title (fr)  
CÂBLE ÉLECTRIQUE

Publication  
**EP 2742514 B1 20160831 (DE)**

Application  
**EP 12740048 A 20120716**

Priority  
• CH 13172011 A 20110809  
• EP 2012002972 W 20120716

Abstract (en)  
[origin: WO2013020630A1] An electric cable (10) is provided with a conductor (12), at least one insulating layer (13) surrounding said conductor and an outer sheath (16). In addition, at least one intumescent layer (15) is arranged which surrounds the conductor (12) over the entire cable length and is integrated in the cable (10) in such a way that it foams up on heating and provides heat protection for this cable. This intumescent layer (15) substantially comprises a polymer substrate and expanding graphite.

IPC 8 full level  
**H01B 7/295** (2006.01); **H01B 3/30** (2006.01); **H01B 3/44** (2006.01); **H01B 7/29** (2006.01)

CPC (source: EP)  
**H01B 3/441** (2013.01); **H01B 7/292** (2013.01); **H01B 7/295** (2013.01)

Citation (examination)  
• WO 2012071732 A1 20120607 - DOW GLOBAL TECHNOLOGIES LLC [US], et al  
• WO 2012174712 A1 20121227 - DOW GLOBAL TECHNOLOGIES LLC [US], et al

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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