

Title (en)  
Surface colored insulated conductor.

Title (de)  
Oberfläche gefärbter isolierter Leiter.

Title (fr)  
Conducteur isolé à surface colorée.

Publication  
**EP 0450789 A1 19911009 (EN)**

Application  
**EP 91302305 A 19910318**

Priority  
US 49888990 A 19900326

Abstract (en)  
An insulated conductor (20) comprises a centrally disposed transmission medium (22) and enclosing plastic insulation material (21). The plastic insulation material is at least substantially non-porous. A colorant material (23) covers the surface of the plastic insulation material. The resulting colored insulated conductor has electrical properties which are greatly improved over those for a conductor which has been insulated with a plastic material having a colorant dispersed throughout.

IPC 1-7  
**H01B 7/36**

IPC 8 full level  
**H01B 7/36** (2006.01)

CPC (source: EP)  
**H01B 7/361** (2013.01)

Citation (search report)  
• [X] US 4877645 A 19891031 - BLEICH LARRY L [US], et al  
• [A] US 4451264 A 19840529 - ULRY DONALD C [US], et al

Cited by  
CN1041867C; EP0520680A3

Designated contracting state (EPC)  
DE DK ES FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0450789 A1 19911009**; AU 636725 B2 19930506; AU 7293691 A 19911114; CA 2037973 A1 19910927; JP H05303912 A 19931116

DOCDB simple family (application)  
**EP 91302305 A 19910318**; AU 7293691 A 19910313; CA 2037973 A 19910311; JP 8443891 A 19910326