

Title (en)
CABLE TERMINATION

Title (de)
KABELENDVERSCHLUSS

Title (fr)
TERMINAISON POUR CABLE

Publication
EP 0848864 A1 19980624 (EN)

Application
EP 96930466 A 19960903

Priority
• SE 9601087 W 19960903
• SE 9503048 A 19950905

Abstract (en)
[origin: WO9709762A1] A cable termination for connection of a high-voltage cable (1) with a solid insulating material to an insulated conductor (16). To create a favourable potential distribution of the electric field strength, a field-controlling member (20), a so-called stress cone, is arranged surrounding the cable (1). The surrounding stress cone is made of insulating elastic material with an outer conducting coating (21) which is electrically connected to an exposed outer conducting layer (4) of the cable. The conductor (2) of the cable is electrically connected to a plug-shaped contact (6). The connected conductor (16) is axially fixed to an insulating body (12) and is electrically connected to a sleeve-shaped contact (17). The two contacts are brought together into one coupling (6, 17) with good electrical contact and mechanical resistance. The coupling is surrounded by the stress cone (20) so as to obtain sufficient insulation between the coupling and the outer coating of the stress cone.

IPC 1-7
H02G 15/02

IPC 8 full level
H02G 15/02 (2006.01); **H02G 15/064** (2006.01); **H02G 15/068** (2006.01); **H02G 15/103** (2006.01); **H02G 15/184** (2006.01)

CPC (source: EP)
H02G 15/068 (2013.01); **H02G 15/103** (2013.01); **H02G 15/184** (2013.01)

Citation (search report)
See references of WO 9709762A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9709762 A1 19970313; EP 0848864 A1 19980624; JP H11512280 A 19991019; SE 504919 C2 19970526; SE 9503048 D0 19950905; SE 9503048 L 19970306

DOCDB simple family (application)
SE 9601087 W 19960903; EP 96930466 A 19960903; JP 51113197 A 19960903; SE 9503048 A 19950905