

Title (en)
BRANCHING CONNECTOR FOR AN UNDERGROUND CABLE

Title (de)
ABZWEIGVERBINDER FÜR ERDKABEL

Title (fr)
CONNECTEUR DE DERIVATION POUR CABLE SOUTERRAIN

Publication
EP 0878032 A1 19981118 (FR)

Application
EP 97901683 A 19970128

Priority
• FR 9700162 W 19970128
• FR 9600980 A 19960129

Abstract (en)
[origin: WO9728578A1] A branching connector for an underground cable is disclosed. The connector enables the electrical interconnection of a main cable and at least one branch cable each consisting of a metal core surrounded by an insulating sheath and including opposed lower (10) and upper (12) bodies clamped together. Each body includes a contact element at least partially made of metal and located in a transverse plane relative to an axial direction of the cables. Said element pierces both the insulator of the main cable and that of the branch cable and engages the cable cores when the upper and lower bodies are urged together by at least one clamping means (14), and a non-conductive movable separating member (70) lying in the mid-plane of the connector is provided for the non-contact interconnection of two branch cables.

IPC 1-7
H01R 4/44

IPC 8 full level
H01R 4/24 (2006.01); **H01R 4/44** (2006.01)

CPC (source: EP US)
H01R 4/2408 (2013.01 - EP US); **H01R 4/44** (2013.01 - EP US)

Citation (search report)
See references of WO 9728578A1

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 9728578 A1 19970807; AT E184427 T1 19990915; AU 1549997 A 19970822; AU 716555 B2 20000302; CA 2242379 A1 19970807; CA 2242379 C 20060103; DE 69700498 D1 19991014; DE 69700498 T2 20000113; EP 0878032 A1 19981118; EP 0878032 B1 19990908; ES 2137047 T3 19991201; FR 2744289 A1 19970801; FR 2744289 B1 19980430; GR 3031740 T3 20000229; US 6086406 A 20000711

DOCDB simple family (application)
FR 9700162 W 19970128; AT 97901683 T 19970128; AU 1549997 A 19970128; CA 2242379 A 19970128; DE 69700498 T 19970128; EP 97901683 A 19970128; ES 97901683 T 19970128; FR 9600980 A 19960129; GR 990402835 T 19991103; US 11740898 A 19980727