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(21) International Application Number: PCT/EP99/03653 (22) International Filing Date: 26 May 1999 (26.05.99) (30) Priority Data: 98110292.4 5 June 1998 (05.06.98) EP 60/088,844 10 June 1998 (10.06.98) US (71) Applicant (for all designated States except US): PIRELLI CAVI E SISTEMI S.P.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT). (72) Inventors; and (75) Inventors/Applicants (for US only): CASLINI, Danilo [IT/IT]; Via Fontana, 1, I-24030 Caprino Bergamasco (IT). DON- AZZI, Fabrizio [IT/IT]; Via G.B. Piranesi, 73, I-20137 Milano (IT). MAIOLI, Paolo [IT/IT]; Via Piacenza, 45, I-26013 Crema (IT). (74) Common Representative: PIRELLI CAVI E SISTEMI S.P.A.; Viale Sarca, 222, I-20126 Milano (IT).		(81) Designated States: AU, BR, CA, CN, ID, NZ, SG, TR, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: COMPOSITION HAVING LOW THERMAL RESISTIVITY AND METHOD FOR LAYING UNDERGROUND CABLES FOR CARRYING ELECTRICAL ENERGY (57) Abstract The present invention relates to a system for carrying electrical energy in connections made by means of underground cables. In particular, it relates to a method of laying cables and a trench filler having a low thermal resistivity, used for laying underground cables for carrying electrical energy. More particularly, it relates to the use of an inert filler to be disposed in an area around the cables or the parts of the system, such as joints, which are disposed underground. The method of laying cables disposed in a trench comprises the phases of: removing the original soil in such a way as to prepare the said trench; disposing a first layer of a first composition in the said trench; disposing the said cables on top of the said first layer; disposing a second layer of the said first composition on top of the said cables; disposing a third layer on top of the said second layer formed by a second composition in such a way as to fill the said trench; characterized in that the said first composition comprises: 60-90 % by weight of crushed sand; 4-15 % by weight of silt; 2-12 % by weight of cement; 4-15 % by weight of water.		