

Title (en)

COMPOSITION COMPRISING POLYESTER ELASTOMER MATRIX FOR POWER AND/OR TELECOMMUNICATION CABLES

Title (de)

ZUSAMMENSETZUNG MIT EINER POLYESTER-ELASTOMER-MATRIX FÜR STROM- UND/ODER TELEKOMMUNIKATIONSKABEL

Title (fr)

COMPOSITION À MATRICE POLYESTER ÉLASTOMÈRE POUR CÂBLE D'ÉNERGIE ET/OU DE TÉLÉCOMMUNICATION

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Application

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Abstract (en)

[origin: WO2010097557A1] The invention relates to a power and/or telecommunication cable including a conductor element surrounded by a polymer layer which is obtained from a composition containing at least 30 parts by weight of a polyester elastomer per 100 parts by weight of polymer in the composition, said polyester elastomer being formed mainly by polycaprolactone. The invention is characterised in that the composition also includes at least one polymer selected from among: a thermoplastic polymer (PT1) having a melting temperature greater than that of polyester elastomer, and a thermoplastic polymer (PT2) having a glass transition temperature of at least 80°C and being immiscible with the polyester elastomer or one of the mixtures thereof.

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