

Title (en)

WIRE CONSTRUCTION FOR CABLES HAVING INSULATION AND FUNCTIONALITY APPLYING IN CASE OF FIRE

Title (de)

ADERKONSTRUKTION FÜR KABEL MIT IM BRANDFALL GELTENDEM ISOLATIONS-/FUNKTIONSERHALT

Title (fr)

ENSEMBLE GAINÉ POUR CÂBLES, CONSERVANT SA FONCTION ET SES PROPRIÉTÉS D'ISOLATION EN CAS D'INCENDIE

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Application

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Abstract (en)

[origin: WO2009146858A1] The invention relates to a wire for use in electric cables, having a fire-resistant insulation based on cross-linkable polymers comprising ceramic-forming additives, said insulation surrounding a conductor (10), wherein the insulation has a first layer (11) comprised of a first composition, and a second layer (12) comprised of a second composition surrounding the outside of the first layer (11), wherein the first and the second compositions are set such that a ceramic forms in the composition constituting the second outer layer (12) at a lower temperature range than that in the composition constituting the inner first layer (11).

IPC 8 full level

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