

Title (en)

Self-extinguishing cable with low-level production of fumes, and flame-retardant composition used therein

Title (de)

Raucharmes selbstlöschendes elektrisches Kabel und flammwidrige Zusammensetzung

Title (fr)

Cable autoextinguible à faible fumée et composition résistant aux flammes utilisée dans ce cable

Publication

**EP 1043733 B1 20040825 (EN)**

Application

**EP 00201096 A 20000327**

Priority

- EP 00201096 A 20000327
- EP 99201109 A 19990403

Abstract (en)

[origin: EP1043733A1] Cables, in particular electrical cables for low-voltage power transmission or for telecommunications, or alternatively for data transmission or mixed power/telecommunications cables, which have self-extinguishing properties and produce a low level of fumes, wherein a coating layer based on a polymer material and on a flame-retardant inorganic filler is present. The polymer material comprises a heterophase copolymer having an elastomeric phase based on ethylene copolymerized with an alpha -olefin and a thermoplastic phase based on propylene. The elastomeric phase is at least 45% by weight relative to the total weight of the heterophase copolymer and the heterophase copolymer is substantially devoid of crystallinity deriving from polyethylene sequences.

IPC 1-7

**H01B 7/29**; **H01B 3/44**; **C08K 3/22**; **C08L 23/08**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP2660287A1; WO2012152802A1; WO2012152803A1; EP1655741A4; DE112007003027B4; CN103517944A; DE10236288A1; GB2441158A; US7201970B2; CN100342459C; EP1501103A4; CN1311022C; RU2667288C1; US7518064B2; WO2004026957A1; US9290648B2; US7125924B2; US9260597B2; WO2019002917A1; WO2016188576A1; US10627589B2; US11042000B2

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