

Title (en)

FLUOROPOLYMER AND ELECTRIC WIRE AND CABLE BOTH COATED WITH THE SAME

Title (de)

FLUORPOLYMER SOWIE ELEKTRISCHER DRAHT UND KABEL WELCHE BEIDE MIT DIESEM BESCHICHTET SIND

Title (fr)

FLUOROPOLYMERES, ET FIL ET CABLE ELECTRIQUE ENROBE DUDIT FLUOROPOLYMERES

Publication

EP 1260526 A1 20021127 (EN)

Application

EP 00956959 A 20000906

Priority

- JP 0006048 W 20000906
- JP 25418899 A 19990908

Abstract (en)

Although an electric wire or cable, which is coated with a fluorine-containing polymer comprising tetrafluoroethylene and hexafluoropropylene and, if necessary, perfluoroalkyl vinyl ether, wherein a melt flow rate (MFR) at 372 DEG C is within a range from 0.1 to 100, and the total content (ppm) of an alkali metal and an alkali earth metal does not exceed the value obtained by calculating from the melt flow rate (MFR) at 372 DEG C according to the formula (1) : $\text{DF NUM} = (1) \times 5.2 \times e^{0.125(\text{MFR})} + 2$ and exceeds the value obtained by calculating according to the formula (2) : $\text{DF NUM} = (2) \times 0.35 \times e^{0.125(\text{MFR})}$ contains the alkali metal or alkali earth metal, electrical characteristics of the coated electric wire are not impaired and a core wire is not corroded.

IPC 1-7

C08F 14/26; **C08F 8/06**; **C08L 27/18**; **C08K 3/18**; **C08K 3/28**

IPC 8 full level

C08F 14/26 (2006.01); **C08F 8/06** (2006.01); **C08K 3/18** (2006.01); **C08K 3/28** (2006.01); **C08L 27/18** (2006.01); **H01B 3/44** (2006.01); **H01B 7/02** (2006.01); **H01B 7/28** (2006.01)

CPC (source: EP)

H01B 3/445 (2013.01); **H01B 7/2806** (2013.01)

Cited by

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Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 1260526 A1 20021127; **EP 1260526 A4 20081001**; CN 1221578 C 20051005; CN 1382163 A 20021127; WO 0118076 A1 20010315

DOCDB simple family (application)

EP 00956959 A 20000906; CN 00812587 A 20000906; JP 0006048 W 20000906