

Title (en)
INSULATED WIRE

Title (de)
ISOLIERTER DRAHT

Title (fr)
CABLE ISOLE

Publication
EP 0460238 B1 20000503 (EN)

Application
EP 91901438 A 19901226

Priority
• JP 34348989 A 19891227
• JP 9001700 W 19901226

Abstract (en)
[origin: EP0460238A1] An insulated wire provided with a conductor, a first insulating metal oxide layer formed around the conductor, and a second insulating metal oxide layer formed around the first layer and including ceramic grains. The insulating metal oxide layers can be formed by converting a precursor of the metal oxide into a ceramic by a method such as a sol-gel method or a thermal decomposition method. As the ceramic grains to be mixed, microplate-like ones are pref.

IPC 1-7
H01B 3/10; H01B 7/42; H01B 7/02; C23C 28/00; B32B 15/04

IPC 8 full level
H01B 3/10 (2006.01); **H01B 7/02** (2006.01); **H01B 7/29** (2006.01); **H01B 7/295** (2006.01); **H01B 13/06** (2006.01)

CPC (source: EP)
H01B 3/105 (2013.01); **H01B 7/292** (2013.01); **H01B 7/295** (2013.01)

Cited by
EP2804184A1; US10487241B2; US8680397B2; WO2009150463A1; US7795538B2; US8476528B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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