

Title (en)
Electrical conductor

Title (de)
Elektrische Leitung

Title (fr)
Conducteur électrique

Publication
EP 1630825 A3 20080709 (DE)

Application
EP 05291643 A 20050801

Priority
DE 102004041452 A 20040827

Abstract (en)
[origin: EP1630825A2] An electric line has at least one electric conductor designed as a high tensile strength element with a non-metallic core around which is arranged a fully closed layer with metallic wires of good conducting material surrounded with an insulation. Around the core (1) are metallic wires (2) in a first layer and over the first layer is a second layer of metallic wires (3) having a diameter and of sufficient number to provide a smooth surface to the conductor (4) with the wires (3) tightly packed.

IPC 8 full level
H01B 7/04 (2006.01)

CPC (source: EP)
H01B 7/0009 (2013.01); **H01B 7/04** (2013.01)

Citation (search report)

- [XY] US 2900437 A 19590818 - THOMPSON PAUL F
- [Y] WO 9845854 A1 19981015 - CEECO MACHINERY MFG [CA], et al
- [A] US 5113039 A 19920512 - GUIPE RICHARD A [US], et al
- [A] DE 3823079 A1 19890309 - RES DEV COOPERATION [JP], et al
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EP2647015A4; CN113454378A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1630825 A2 20060301; EP 1630825 A3 20080709; DE 102004041452 A1 20060302

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EP 05291643 A 20050801; DE 102004041452 A 20040827