

Title (en)
Varnish-coated wire

Title (de)
Lackbeschichteter Draht

Title (fr)
Fil revêtu de vernis

Publication
EP 1296336 B1 20130410 (DE)

Application
EP 02450180 A 20020827

Priority
AT 14922001 A 20010919

Abstract (en)
[origin: US2003054192A1] A lacquer-coated wire having a noncircular cross-section with a long cross-sectional axis and a short cross-sectional axis, wherein the long cross-sectional axis and the short cross-sectional axis extend perpendicularly to each other. The lacquer-coated wire includes a metal wire and a lacquer coating having insulating and baked lacquer properties and is intended particularly for manufacturing electrical coils. The lacquer coating has on sides to be assigned to the longer cross-sectional axis a smaller thickness than on the sides to be assigned to the shorter cross-sectional axis. A method of manufacturing a wire includes pressing a lacquer-coated wire having a round cross-section into a wire having a long cross-sectional axis and a short cross-sectional axis, wherein the ratio of the axes is at most 3:1.

IPC 8 full level
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CPC (source: EP KR US)
H01B 7/00 (2013.01 - KR); **H01F 27/323** (2013.01 - EP US); **H01F 41/077** (2016.01 - EP US); **H01F 27/2823** (2013.01 - EP US); **H01F 27/327** (2013.01 - EP US); **H01F 41/127** (2013.01 - EP US); **Y10T 29/49071** (2015.01 - EP US); **Y10T 29/49117** (2015.01 - EP US); **Y10T 29/49123** (2015.01 - EP US); **Y10T 29/49194** (2015.01 - EP US); **Y10T 29/49195** (2015.01 - EP US); **Y10T 428/12556** (2015.01 - EP US)

Citation (examination)

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- JP S54109188 A 19790827 - SUMITOMO ELECTRIC INDUSTRIES
- NL 7903758 A 19801118 - PHILIPS NV
- EP 0244923 A2 19871111 - CENTURY ELECTRIC INC [US]
- US 3320788 A 19670523 - HANS MEIER

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