

Title (en)

Method for producing a coated metal wire

Title (de)

Verfahren zur Herstellung eines beschichteten Metalldrahts

Title (fr)

Procédé de production d'un fil métallique revêtu

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Application

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Abstract (en)

The present invention relates to a method for manufacturing a coated metal wire comprising a metal core surrounded by a coating, wherein the coating comprises a zinc inner layer, a passivation layer and a sealing layer. The present invention further relates to a coated metal wire and structures comprising one or more coated metal wires according to the present invention.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [Y] GB 2144773 A 19850313 - OMI INT CORP
- [Y] KR 100790269 B1 20080102 - HANKUK STEEL WIRE CO LTD [KR]
- [Y] EP 1484432 A1 20041208 - DIPSOL CHEM [JP]

Cited by

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