Title (en)

CORED WIRE ELECTRODE

Title (de)

FÜLLDRAHTELEKTRODE

Title (fr)

FIL-ÉLECTRODE FOURRÉ

Publication

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Application

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Abstract (en)

[origin: WO2010102318A1] The invention relates to a cored wire electrode for producing a high-strength melt/weld bond and describes a method for manufacturing cored wire electrodes having a diameter of less than 2 mm. In order to prevent oxidation and water absorption of the powder and preserve the original thermal reaction potential of the mineral constituents of the same, according to the invention the cored wire electrode is characterized in that in the longitudinal direction the cold-formed metal tube has a leak-proof melt/weld bond or a weld seam which has lower fusion penetration than the tube wall is thick and in this way a distance of the metal bond of the tube wall to the powder core is formed.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010102318A1

Citation (examination)

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DOCDB simple family (publication)

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