Title (en)

CORED WIRE FOR THE METALLURGICAL TREATMENT OF A BATH OF MOLTEN METAL AND CORRESPONDING METHOD

Title (de)

FÜLLDRAHT ZUM METALLURGISCHEN BEHANDELN EINES METALLSCHMELZEBADES UND ZUGEHÖRIGES VERFAHREN

Title (fr)

FIL FOURRÉ POUR TRAITEMENT MÉTALLURGIQUE D'UN BAIN DE MÉTAL EN FUSION ET PROCÉDÉ CORRESPONDANT

Publication

EP 2917377 B1 20190529 (FR)

Application

EP 13792869 A 20131108

Priority

- FR 1260678 A 20121109
- EP 2013073350 W 20131108

Abstract (en)

[origin: WO2014072456A1] Cored wire (1; 100) intended to be introduced into a bath of molten metal to carry out a metallurgical treatment, the cored wire comprising: a filling (2) extending locally along a longitudinal axis (L), the filling containing at least one active substance for treating the molten metal; and an external wrapper (4) longitudinally around the filling; characterized in that the filling comprises: an extruded rod (8) extending longitudinally and containing the active substance; and an intermediate layer (10) extending longitudinally between the extruded rod and the outer wrapper and containing a powder containing one or more of the following: a metal, a mixture of metals, a metal oxide, a mixture of metal oxides. Corresponding method.

IPC 8 full level

C21C 1/10 (2006.01); **C21C 7/00** (2006.01)

CPC (source: EP US)

C21C 1/105 (2013.01 - EP US); **C21C 7/0006** (2013.01 - US); **C21C 7/0056** (2013.01 - EP US); **C22C 38/00** (2013.01 - US); C21C 2007/0062 (2013.01 - EP US)

Citation (examination)

US 6053960 A 20000425 - KING PHILLIP RONALD [US], et al

Cited by

FR3140095A1; WO2024062016A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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