

Title (en)
The method of production a coated wire

Title (de)
Verfahren zur Herstellung eines überzogenen Drahts

Title (fr)
Procédé de production d'un fil revêtu

Publication
EP 2360286 A1 20110824 (EN)

Application
EP 10460002 A 20100215

Priority
EP 10460002 A 20100215

Abstract (en)
The method of production a coated wire consists in introducing a core of the wire (1) into a molted metal and carrying it through a crystallizer (5) in order to produce lagging. During the transition of the core wire (1) through the liquid metal the molecular diffusion of liquid metal atoms into the core of the wire, in plasticity state, takes place and the molecular diffusion of atoms of metal core of the wire (1) into the liquid metal.

IPC 8 full level
C23C 2/38 (2006.01)

CPC (source: EP US)
C23C 2/0035 (2022.08 - EP US); **C23C 2/00361** (2022.08 - EP US); **C23C 2/38** (2013.01 - EP); **C23C 10/18** (2013.01 - EP)

Citation (applicant)
• EP 0811701 A1 19971210 - THERMOCOMPACT SA [FR]
• US 3842896 A 19741022 - DOBO E
• GB 1105708 A 19680313 - C F & I STEEL CORP
• US 5437748 A 19950801 - BHAGWAT ANAND W [US], et al
• EP 0149064 A1 19850724 - GTE PROD CORP [US]
• US 3112226 A 19631126 - ST JEAN ROBERT R
• EP 0329611 A1 19890823 - BATTELLE MEMORIAL INSTITUTE [CH]

Citation (search report)
• [X] US 3842896 A 19741022 - DOBO E
• [X] GB 1105708 A 19680313 - C F & I STEEL CORP
• [X] EP 0811701 A1 19971210 - THERMOCOMPACT SA [FR]
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Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS AL BA RS

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