

Title (en)
METHOD FOR PRODUCING MOLTEN ALUMINUM-PLATED STEEL WIRE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MIT GESCHMOLZENEM ALUMINIUM PLATTIERTEM STAHLDRAHT

Title (fr)
PROCÉDÉ DE PRODUCTION DE FIL D'ACIER PLAQUÉ D'ALUMINIUM LIQUIDE

Publication
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Application
EP 17775502 A 20170330

Priority
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• JP 2017013484 W 20170330

Abstract (en)
Provided is a method for producing a molten aluminum-plated steel wire in which a steel wire (2) is immersed in a molten aluminum plating bath (1), the resulting molten aluminum-plated steel wire (3) is subsequently pulled up from the molten aluminum plating bath (1) and a stabilizing member (11) is brought into contact with the bath surface (10) of the molten aluminum plating bath (1) and the molten aluminum-plated steel wire (3) at the boundary of the molten aluminum-plated steel wire (3) and the bath surface (10) of the molten aluminum plating bath (1), a nozzle (12) for blowing an inert gas is arranged in a position facing the stabilizing member (11) with the molten aluminum-plated steel wire (3) therebetween, and an inert gas having a temperature of 600-1000°C is blown from the tip (12a) of the nozzle (12) toward the boundary at a pressure of 0.1-20 kPa.

IPC 8 full level
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