

Title (en)

METHOD FOR CLEANING OXIDIZED HOT ROLLED COPPER RODS

Title (de)

VERFAHREN ZUM SÄUBERN OXIDIERTER, WARMGEWALZTER KUPFERSTÄBE

Title (fr)

PROCEDE POUR NETTOYER DES BARRES DE CUIVRES OXYDEES, LAMINEES A CHAUD

Publication

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Application

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Abstract (en)

[origin: WO0187509A1] The invention relates to a method for cleaning oxidized, rolled copper rods coming out after casting from a rolling mill mounted downstream of a continuous casting device and having oxidic layers on their surfaces after exiting from the rolling mill. The method is characterized in that the oxidized, finish milled rod is guided through one or several reduction zones at a temperature of approximately 650 DEG C; a diluted, aqueous solution containing hydrocarbon is used in the reduction zone(s) as reduction liquid and the speed of the ongoing chemical reactions for the reduction of the two existing types of oxides is intensified by generating a bath turbulence with the aid of one or more ultrasound sources.

IPC 1-7

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