

Title (en)

Apparatus for electrically treating ferrous and non ferrous metal wires

Title (de)

Vorrichtung zum Behandeln von Eisendrahten und nicht Eisendrahten

Title (fr)

Appareillage pour le traitement électrolytique de fils ferreux et non ferreux

Publication

EP 0931860 A1 19990728 (EN)

Application

EP 97830747 A 19971231

Priority

EP 97830747 A 19971231

Abstract (en)

An apparatus for the electrical treatment of ferrous and nonferrous metal wires, in line with a drawing apparatus, including: a station (2) for descaling and brushing a layer of oxides and calamine that is present on the metal wires that enter the apparatus; a station (3) for electrolytic pickling by adjustable retention in a bath of acid or basic solution; a washing station (4); and stations (5,6) for the further treatment of the wire that exits from the washing station before being sent to a drawing apparatus. The apparatus further includes a crystalization device which is suitable to keep the concentration of the substances descaled from the metal wires below a preset value in order to extend the useful life of the pickling bath that is present in the pickling station. <IMAGE>

IPC 1-7

C25F 7/02

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- [A] US 3900955 A 19750826 - PETERSON JOSEPH C
- [A] US 4276133 A 19810630 - NAGANO HIROO, et al
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US7824533B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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