

Title (en)

Motor driven rotary variable speed mechanical system for cleaning wire rods and metal wires

Title (de)

Mechanisches System mit einstellbarer Drehzahl zur Reinigung von Draht

Title (fr)

Système mécanique motorisé à vitesse de rotation variable pour le nettoyage des fils métalliques

Publication

EP 1352710 A2 20031015 (EN)

Application

EP 03004477 A 20030227

Priority

IT MI20020737 A 20020408

Abstract (en)

A mechanical system for cleaning wire rods and metal wires, characterized in that said system comprises a first mechanical assembly (1) performing a series of twisting and detwisting operations on the wire material and a series of bending operations in an opposite direction, thereby providing a scaling operation on the wire material, and/or a cleaning assembly (2) comprising a rotary drum (24), therethrough the wire rod or metal wire to be cleaned is caused to pass, and to which abrasive material is supplied. <IMAGE>

IPC 1-7

B24B 31/02; B21C 43/04; B21C 9/00

IPC 8 full level

B21C 43/04 (2006.01); **B21F 99/00** (2009.01); **B24B 31/02** (2006.01)

CPC (source: EP)

B21C 9/00 (2013.01); **B21C 43/04** (2013.01); **B21F 99/00** (2013.01); **B24B 31/0206** (2013.01)

Cited by

CN107322248A; CN113145516A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1352710 A2 20031015; **EP 1352710 A3 20040303**; **EP 1352710 B1 20080220**; AT E386612 T1 20080315; DE 60319173 D1 20080403; IT MI20020737 A0 20020408; IT MI20020737 A1 20031008

DOCDB simple family (application)

EP 03004477 A 20030227; AT 03004477 T 20030227; DE 60319173 T 20030227; IT MI20020737 A 20020408