

Title (en)

METHOD AND APPARATUS FOR THE INTERMITTENT STRAIGHTENING OF WIRES

Publication

**EP 0313769 B1 19920304 (DE)**

Application

**EP 88114418 A 19880903**

Priority

CH 381987 A 19871001

Abstract (en)

[origin: JPH01107931A] PURPOSE: To intermittently straighten a wire with trouble-free working and to obtain good wire quality by decelerating the rotation of a straightening rotor synchronously with a wire feed and accelerating the same after working again. CONSTITUTION: This apparatus is provided with the straightening rotor 4 sending the wire having one group of straightening blocks 5, 6, 7 and a transporting means 2. The dimension of the straightening rotor 4 is so set as to be decelerated and accelerated by this transporting means 2 at the same time as for the wire 1. The wire 1 is decelerated to the decreased feed speed and the straightening rotor 4 is synchronously decelerated, simultaneously with which a cutter 10 moves together synchronously with the wire 1 at the time of the working. The wire 1 and the straightening rotor 4 are accelerated again after the cutting and the cutter 10 returns to a start position for the purpose of ensuing cutting.

IPC 1-7

**B21F 1/02**

IPC 8 full level

**B21F 1/02** (2006.01)

CPC (source: EP US)

**B21F 1/023** (2013.01 - EP US); **B21F 1/026** (2013.01 - EP US)

Cited by

CN110976700A; CN107297443A; EP1952906A3; EP0621095A1; US5473923A; FR2720960A1; EP0676073B1

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