

Title (en)
METHOD AND DEVICE FOR DRAWING WIRE

Publication
EP 0234211 B1 19910320 (DE)

Application
EP 87100317 A 19870113

Priority
CA 500715 A 19860130

Abstract (en)
[origin: US4754633A] Wire drawing apparatus employs a wire take-up device, a rotatable pay-off device and, located therebetween, a rotating wire drawing die. Mounted on the pay-off device is a coil of material from which wire is drawn by the apparatus. This material may be in the form of rod, for example, and, for the sake of simplicity, will be referred to as such hereinafter. The axis of the pay-off device and rod coil thereon, the axis of the take-up device and the wire coil formed thereon and the axis of rotation of the rotating die all are parallel to each other and preferably, but not necessarily, coaxial. A differential speed compensating drive is connected to and drives the pay-off device in the same direction as the die to compensate for the elongation of the rod as it is drawn into wire. The rod is maintained and transferred in substantially the form of a coil between the pay-off device and the take-up device and passes through the die, which rotates in a plane between the pay-off and take-up devices.

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B21C 1/02

IPC 8 full level
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CPC (source: EP US)
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Cited by
CN102699068A; CN103978053A; CN102699074A

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EP 0234211 A1 19870902; EP 0234211 B1 19910320; AT E61747 T1 19910415; BR 8700396 A 19871215; CA 1247501 A 19881228; DE 3768668 D1 19910425; ES 2021282 B3 19911101; GR 3001639 T3 19921123; JP S62220211 A 19870928; US 4754633 A 19880705

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