

Title (en)

Apparatus for cold working of metal rod.

Title (de)

Vorrichtung zur Kaltbearbeitung von Metallstangen.

Title (fr)

Appareil pour le travail à froid de barres métalliques.

Publication

**EP 0080832 A1 19830608 (EN)**

Application

**EP 82306140 A 19821118**

Priority

- GB 8134661 A 19811118
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Abstract (en)

Apparatus for the cold working of hot rolled steel rod comprises at least two freely rotatable pulleys (18) driven by a motor (26) for orbital revolution for imparting a substantial degree of cold working to the rod as it is fed continuously through the apparatus. The rod is twisted in one direction as it enters the pulley system and is twisted in the opposite direction as it leaves the pulley system. The apparatus operates also to descale and straighten the rod continuously and is particularly useful in the production of steel rod for welded mesh in reinforcing concrete.

IPC 1-7

**B21D 3/12**; **C21D 7/10**

IPC 8 full level

**B21C 43/04** (2006.01); **B21D 3/12** (2006.01); **B21F 1/02** (2006.01); **B21F 7/00** (2006.01); **B21F 9/00** (2006.01); **C21D 7/10** (2006.01)

CPC (source: EP)

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Citation (search report)

- [X] US 4075880 A 19780228 - COPELAND WILLIAM RAEBURN
- [A] DE 1602624 B2 19701105
- [A] DE 805533 C 19510521 - EISENWERK NUERNBERG A G VORM J
- [A] CH 216746 A 19410915 - KOEHLER FRANZ DIPL ING [DE]

Designated contracting state (EPC)

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