

Title (en)

Method of rolling a length of metal bar or wire and apparatus for carrying out the method.

Title (de)

Verfahren zum Walzen von Metallstäben und -draht und Apparat zur Durchführung des Verfahrens.

Title (fr)

Procédé et dispositif pour laminier des longueurs de barres ou de fils métalliques.

Publication

EP 0032766 A1 19810729 (EN)

Application

EP 81200028 A 19810112

Priority

NL 8000356 A 19800121

Abstract (en)

At the end of a hot-rolling train a metal length (WS) (bar or wire) is passed through a final roll stand (W) and then through a cooling device (K). To keep the length under tension in the cooling device (K), it is pulled frictionally by an opposed pair of bridle rolls (R1, R2) which are driven, while the length is passing, with a power input which would in the absence of the length, be sufficient to cause a peripheral speed of the bridle rolls (R1, R2) slightly higher than the rolling speed of the length. To prevent the leading end of the metal length being twisted or otherwise damaged on entry into the bridle rolls, the bridle rolls (R1, R2) are driven at a slightly higher peripheral speed immediately prior to the entry of the metal length.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- NL 7414028 A 19760503 - HOOGOVENS IJMUIDEN BV
- METALLURGIST, Vol. 20, No. 5/6, May/June 1976, pages 416-417 New York, U.S.A. V.E. BELENKOV: "Auxiliary feeder for a wire coiler".

Cited by

EP1066891A3; RU2743177C1; EP0219316A3

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EP 0032766 A1 19810729; EP 0032766 B1 19840404; AT E6913 T1 19840415; CA 1153585 A 19830913; DE 3162915 D1 19840510; ES 498652 A0 19811116; ES 8200827 A1 19811116; NL 171334 B 19821018; NL 171334 C 19830316; NL 8000356 A 19810817

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