

Title (en)

METHOD FOR THE PRODUCTION OF DEFECT-FREE CALIBRATED STEEL BARS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FEHLERFREIEN KALIBRIERTEN STAHLSTANGEN

Title (fr)

PROCEDE DE PRODUCTION DE BARRES EN ACIER CALIBREES ET SANS DEFAUTS

Publication

EP 1707284 B1 20091202 (EN)

Application

EP 05701668 A 20050113

Priority

- ES 2005000013 W 20050113
- ES 200400139 A 20040123

Abstract (en)

[origin: US2006156779A1] The process comprises combining the operation of gauging by drawing with a stage of crack monitoring and a subsequent operation of mechanically machining the bar through the removal of turnings prior to cutting of the bars in such a way that the calibrated depth for crack detection has a value corresponding to the surface defects in the bar and slightly less than the machining depth in the subsequent stage of machining the bar, with the result that defective bars are automatically eliminated.

IPC 8 full level

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CPC (source: EP US)

B21C 37/045 (2013.01 - EP US); **B21C 43/00** (2013.01 - EP US); **B21C 51/00** (2013.01 - EP US)

Cited by

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US 2006156779 A1 20060720; AT E450326 T1 20091215; BR PI0506145 A 20061024; CA 2536001 A1 20050804; DE 602005018018 D1 20100114; EP 1707284 A1 20061004; EP 1707284 B1 20091202; ES 2222839 A1 20050201; ES 2222839 B1 20051001; ES 2335109 T3 20100322; JP 2007518574 A 20070712; WO 2005070578 A1 20050804; ZA 200601901 B 20070725

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