

Title (en)
AUTOMATED BAR BENDER

Title (de)
VERFAHREN ZUM AUTOMATISCHEN BIEGEN VON PROFILSTANGEN

Title (fr)
SYSTEME AUTOMATISE DE CINTRAGE DE BARRES

Publication
EP 1296780 A1 20030402 (EN)

Application
EP 01934807 A 20010529

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Abstract (en)
[origin: WO0191936A1] An automated bar bending system with a bar bending unit for bending bars to a predetermined angle, an in-feeding system for receiving pre-cut bars for transferring one or more bars to the bar bending system, and an unloading system for unloading shaped bars from the bar bending system to a prescribed position at a prescribed location. The bending unit contains a former assembly, a drive pin assembly and a backup clamp assembly. The bar bending unit may be provided to a machine controller and actuating mechanisms such that different size bars may be automatically shaped to a prescribed angle according to user specification. In the preferred embodiment, the former assembly includes a series of concentric former rings mounted within a former housing. Each of the rings is provided with an actuating mechanism for moving it between a standby position and a forming position.

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