

Title (en)

INTELLIGENT AUTOMATIC MULTI-COMBINATION COLD EXTRUSION DEVICE FOR STEEL PIPE

Title (de)

INTELLIGENTE AUTOMATISCHE MULTIKOMBINATIONS-KALTSTRANGPRESSVORRICHTUNG FÜR STAHLROHRE

Title (fr)

DISPOSITIF INTELLIGENT ET AUTOMATIQUE D'EXTRUSION À FROID MULTI-COMBINAISON POUR TUYAU EN ACIER

Publication

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Application

**EP 21170966 A 20210428**

Priority

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Abstract (en)

The invention discloses an intelligent automatic multi-combination cold extrusion device for a steel pipe. The device comprises a steel pipe feeding mechanism (10), a host automatic grabbing mechanism (20), a finished product stacking mechanism (30), a host die setting mechanism (40), a steel pipe joint placing mechanism (50), a device rack (60) and a control system (70), wherein the steel pipe feeding mechanism (10) is provided on one side of the device rack (60), the steel pipe joint placing mechanism (50) is provided on the device rack (60), the host die setting mechanism (40) is provided on the other side of the steel pipe joint placing mechanism (50), and the finished product stacking mechanism (30) is provided on the other side of the device rack (60). When the device of the present invention is used, a steel pipe is conveyed through the steel pipe feeding mechanism (10) to the steel pipe joint placing mechanism (50), and manual or automatic loading, namely a loading of a connecting apparatus, is carried out in the steel pipe joint placing mechanism (50), and then the host automatic grabbing mechanism (20) conveys the steel pipe loaded with the connecting apparatus to the host die setting mechanism (40) for cold extrusion machining, and after the machining is completed, the steel pipe is discharged through the finished product stacking mechanism (30). According to the present invention, cold extrusion treatment of the steel pipe and the connecting apparatus can be automatically achieved.

IPC 8 full level

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CPC (source: CN EP)

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Citation (search report)

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