

Title (en)

CONTACTLESS LOOPER FOR METAL PROCESSING AND RELATED METHODS

Title (de)

KONTAKTLOSER GREIFER FÜR METALLVERARBEITUNG UND ZUGEHÖRIGE VERFAHREN

Title (fr)

BOUCLEUR SANS CONTACT POUR LE TRAITEMENT DE MÉTAL ET PROCÉDÉS ASSOCIÉS

Publication

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Application

EP 22720891 A 20220324

Priority

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- US 2022071299 W 20220324

Abstract (en)

[origin: WO2022221807A1] A contactless looper for a metal substrate includes an entrance, an exit, and at least one deflection device between the entrance and the exit. The contactless looper is configured to receive a metal substrate moving in a processing direction from the entrance to the exit and impart a deflection along the processing direction in a metal substrate such that a position of the metal substrate at the at least one deflection device is vertically offset from a height of the metal substrate at the entrance of the looper. A method of processing a metal substrate with the contactless looper includes receiving the metal substrate at the entrance of the contactless looper along a passline, imparting a deflection in the metal substrate with the looper, and passing the metal substrate out the exit of the contactless looper.

IPC 8 full level

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