

Title (en)  
ROLLING PLANT AND METHOD FOR GENERATING A METAL STRIP

Title (de)  
WALZANLAGE UND VERFAHREN ZUM ERZEUGEN EINES METALLBANDES

Title (fr)  
INSTALLATION DE LAMINAGE ET PROCEDE DE PRODUCTION D'UNE BANDE METALLIQUE

Publication  
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Application  
**EP 06762593 A 20060714**

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Abstract (en)  
[origin: US2007266544A1] The invention relates to a rolling installation ( 100 ) and a method for its operation known rolling installations ( 100 ) typically include a reversing stand ( 110 ) for rolling a metal strip ( 200 ) in several steps until the metal strip reaches a desired thickness. The reversing stand ( 110 ) is usually associated with at least one reversing reel ( 130 ) with a reel mandrel ( 132 ) for an intermittent storage of the metal strip ( 200 ) after separate rolling steps. In addition, the known rolling installations ( 100 ) have a sensor device for determining the thickness of the metal strip ( 200 ). In order to economically realize a high flexibility when using primary materials having different thicknesses, it is proposed according to the invention, to provide the rolling installation with a winding sleeve exchange device ( 140 ) for pushing a winding sleeve ( 134 ) onto the reel mandrel ( 132 ) before an intermittent storage of the metal strip ( 200 ) and for removing the winding sleeve between two rolling steps when the thickness of the metal strip, which is determined by the sensor device ( 120 ) is greater than a desired thickness but already smaller than a thickness threshold.

IPC 8 full level  
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