

Title (en)  
METHOD AND INSTALLATION FOR ROLLING IN-PROCESS STOCK

Title (de)  
VERFAHREN UND ANLAGE ZUM WALZEN VON WALZGUT

Title (fr)  
PROCEDE ET INSTALLATION POUR LE LAMINAGE DE CHARGE EN COURS DE FABRICATION

Publication  
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Application  
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Abstract (en)  
[origin: US7398666B2] The invention relates to a method of rolling a strip-shaped in-process stock, in particular a metal strip, with which, a metal strip ( 3 ) is unwound from a coil ( 2, 7 ) held on an unwinding reel ( 1, 6 ), is fed into a reversing rolling mill ( 8 ), is rolled, and is wound-up onto a winding-up reel ( 9 ) to form a coil ( 10 ), wherein the metal strip ( 3 ) is reversibly conveyed from the unwinding reel ( 1, 6 ) to the winding-up reel ( 9 ) until a set thickness is reached and, with each passing of the reversing rolling mill ( 8 ), is subjected to a reduction of thickness, and wherein an end of the metal strip ( 3 ) of a first coil is welded to a beginning of the metal strip ( 3 ) of the second coil, and the metal strip ( 3 ) of the first coil is temporarily stored in a strip store during a welding process, and finally, the in-process stock consisting of two lengths is reversibly rolled to a final dimension, and an additional length is welded to the end of the in-process stock before the last pass. The invention also relates to an installation for effecting the method and in which the unwinding reel ( 1, 6 ) is used as a strip store for the reverse pass.

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