

Title (en)  
METHOD AND DEVICE FOR A COMBINED CONTINUOUS CASTING AND ROLLING SYSTEM

Title (de)  
VERFAHREN UND VORRICHTUNG FÜR EINE GIESS-WALZ-VERBUNDANLAGE

Title (fr)  
PROCÉDÉ ET DISPOSITIF POUR UNE INSTALLATION DE COULÉE ET LAMINAGE COMBINÉS

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Application  
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Abstract (en)  
[origin: WO2014029544A1] The invention relates to a method and device for producing hot-rolled products in a combined continuous casting and rolling system (1). The aim of the invention is to provide a reliable method and a compact combined continuous casting and rolling system (1), by means of which the entire length of a device for separating and removing (6) and the investment and operating costs of the combined continuous casting and rolling system (6) can be reduced. The problem is solved by performing the following method steps in the device for separating and removing (6): (a) separating the endlessly produced precursor material (3) into a strand portion (21) by means of a shears (9); (b) clamping the strand portion (21) by means of a clamping device (23); (c) raising the foot part of the strand portion (21) from the roller table (4) by means of a raising device (11), whereby the foot of the strand portion (21) is drawn away from the shears (9) in the direction of transport (7); (d) cutting the precursor material (3) passing through the shears (9) into a precursor material portion (10) by means of the shears (9); (e) removing the precursor material portion (10) from the roller table (4) by means of a removing device (8), and removing the strand portion (21) until the combined continuous casting and rolling system (1) is ready to operate again.

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