

Title (en)  
HOT-ROLLING STEEL STRIP

Title (de)  
WARMWALZEN VON STAHLBAND

Title (fr)  
LAMINAGE A CHAUD DE FEUILLARD D'ACIER

Publication  
**EP 0970256 A1 20000112 (DE)**

Application  
**EP 98912456 A 19980307**

Priority  
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Abstract (en)  
[origin: US6284069B1] The invention relates to a process for producing strips of homogenous structures and characteristics made of non-alloyed and low-alloyed steel by continuous hot rolling in several roll passes in the austenitic region and subsequently in the ferritic region, as well as coiling. The invention is characterised in that continuous-cast strip and/or strip rough rolled in the austenitic region, starting with a temperature  $T \geq A_{r3} + 30^\circ \text{C}$ ., with a total degree of deformation of  $eh \geq 30\%$  is rolled in two or several roll passes in the austenitic region and in that the rolling stock is intensively cooled after every roll pass until the ferritic transformation has been completed, after which the rolling stock is end rolled to final thickness in the ferritic region in several passes with a total degree of deformation  $eh \geq 60\%$ .

IPC 1-7  
**C21D 8/02**

IPC 8 full level  
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