

Title (en)  
ROLLING METHOD

Title (de)  
WALZVERFAHREN

Title (fr)  
PROCÉDÉ DE LAMINAGE

Publication  
**EP 3049197 B1 20180131 (EN)**

Application  
**EP 14758807 A 20140819**

Priority  
• GB 201316917 A 20130924  
• EP 2014067678 W 20140819

Abstract (en)  
[origin: GB2518444A] A method of rolling a metal plate from an ingot or thick slab (1,2) comprises setting a work roll gap with a mechanical screw (24) and rolling the ingot or slab through a first pass to produce a rolled product (21). The rolled product (21) is removed from the roll gap and the mechanical screw (24) is used to set a reduced roll gap (34a). The rolled product (21) is rolled through the reduced roll gap (34a) over a partial pass, the partial pass extending over less than the full length of the rolled product (21) to form a further rolled product (22, 21). The steps of removing the further rolled product from the roll gap, using the mechanical screw to set a further reduced roll gap and rolling the product over a partial pass may be further repeated for a set number of iterations to produce a rolled plate. The method may further comprise turning the rolled plate and carrying out a further roll pass in a width direction of the plate. The method may also comprise a method of counting the number of revolutions of a roll determining the difference in thickness between adjacent roll gaps and deriving the length of the rolled product to be rolled at the next rolling stage.

IPC 8 full level  
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CPC (source: EP GB US)  
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