

Title (en)
METHOD AND ARRANGEMENT FOR ROLLING CONTINUOUSLY CAST PROFILES

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Application
EP 87114862 A 19871012

Priority
DE 3636478 A 19861027

Abstract (en)
[origin: US4860426A] A hot profile-steel workpiece having a flange width dimension, a web height dimension, and a web thickness dimension is rolled in a roll train including a reversible universal rolling stand and a flange-compacting roll stand unstream therefrom. According to the invention one of the height, width, or thickness dimensions of the incoming workpiece is reduced upstream of the flange-engaging compacting roll stand. Normally the web height dimension is reduced in a roll stand immediately upstream of the universal and flange-compacting stands. Furthermore the workpiece has a web with extra-thick parts and these extra-thick parts are rolled out by horizontal rolls of a roll stand that engage this web. The flange-compacting roll stand engages the faces of the flanges. With this system it is possible to make the web of the incoming workpiece either shorter or taller, that is it can either be compacted or rolled out.

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Citation (search report)
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• [A] DE 2529405 A1 19760826 - NIPPON STEEL CORP
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• [A] DE 1012887 C
• [A] PATENT ABSTRACTS OF JAPAN, Band 10, Nr. 265 (M-515)[2321], 10. September 1986; & JP-A-61 088 901 (NIPPON KOKAN) 07.05.1986

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