

Title (en)

Method for rolling finished sections from section blanks by means of a reversibly driven arrangement of roll stands

Title (de)

Verfahren zum Walzen von Fertigprofilen aus einem Vorprofil mittels einer im Reversierbetrieb arbeitenden Walzgerüst-Anordnung

Title (fr)

Procédé pour laminier des profilés finis à partir d'ébanches par un arrangement de cages de laminoir à entraînement réversible

Publication

EP 0653253 B1 20010228 (DE)

Application

EP 94116696 A 19941022

Priority

DE 4337555 A 19931104

Abstract (en)

[origin: EP0653253A1] A method for rolling finished sections from a preliminary section (section blank) by means of an arrangement of roll stands which comprises a first universal stand on the entry side, a second universal stand on the exit side and an edger arranged between these universal stands. An edger is arranged ahead of the rolling group. The preliminary section comes from a continuous casting device and has, at both ends of a web, thickened portions corresponding to the subsequent finished profile. The dimensions of the preliminary section are matched in such a way to the web height, web thickness and/or flange width of the finished section to be rolled that this preliminary section is introduced directly into the first universal stand and can then be rolled to give the finished section with the specified dimensions or, to obtain different dimensions deviating from the original specification, the web-like portion and/or the flange-like thickened portions of the preliminary section are, before the preliminary section is introduced into the first universal roll stand, subjected to reduction rolling in a rolling line (W1) with a free outlet extending parallel to the rolling line (W2) of the arrangement of roll stands (U1, SG, U2), and the preliminary section is then displaced transversely into a position directly in front of the compact rolling group (U1, SG, U2) and introduced into the latter. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

EP0890395A1; US4742298A; EP0734792A3; EP0870554A3; EP1184093A1; CN1082404C; EP0818250A3; EP0811434A1; EP0806252A1; WO9529774A1; US6564608B2

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