Title (en)

FINISHING-ROLLING METHOD FOR SECTIONS

Publication

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Application

EP 89102664 A 19890216

Priority

DE 3805364 A 19880217

Abstract (en)

[origin: EP0329132A2] For the central rolling out of the webs or to avoid deep pass incisions of the rolls/former rolls and to avoid undercuts due to the outer portions of the section/flanges in the production of H, I, U, T, L, double T sections and similar rolled material, the trick of folding out is employed. After the upset passes the flanges are formed by folding, i.e. by a flat and edging pass, during finishing-rolling. <??>The invention proposes a new folding method in accordance with the principle of the three-roll bending method. Another solution to the same problem comprises a folding method which employs back-up rolls for the first portion of the section or web, the said rolls not touching the inner flange faces or inner faces of second portions of the section. <??>Corresponding new roll stands and rolling mills require lower levels of investment, exhibit less roll wear and have a shorter overall length. Further advantages are the smaller requirement for former rolls and lower energy consumption. <IMAGE>

IPC 1-7

B21B 1/08

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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