

Title (en)  
DEVICE FOR QUENCHING AND TEMPERING LONG-LENGTH ROLLING STOCK

Title (de)  
VORRICHTUNG ZUM VERGÜTEN VON WALZGUT MIT GROSSER LÄNGE

Title (fr)  
DISPOSITIF DE TREMPE ET REVENU DE LAMINES DE GRANDE LONGUEUR

Publication  
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Application  
**EP 02797886 A 20020912**

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Abstract (en)  
[origin: WO03023076A2] The invention relates to a device for thermally quenching and tempering at least parts of the cross-section along the longitudinal extension of profiled rolling stock manufactured in a sequence. In order to obtain high quality and good use qualities of the rolling stock which is produced at high yield by the quenching and tempering device using rolling heat from the rolling trains, the roller table (1) is provided with a device for positioning the supplied rolling stock (S) in a longitudinal direction and associated means of alignment (2). The quenching and tempering device (3) is formed by at least two adjacently located liquid cooling devices (31, 32) with manipulators (311, 311') for the movement of the rolling stock (S). The feed area (41) of the cooling bed (4) is located near to the liquid cooling devices and parallel to the longitudinal extension of the liquid cooling devices. The cross transport means (5) is provided with at least two carrier arms (51) which can move simultaneously between the rolling table rollers and which are provided with rolling stock support elements (52) on the respective end sides thereof.

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